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<210> 7356

<211> 3179

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(2375)

<223> similar to gi4757044 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7356

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<210> 7357

<211> 1438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (264)...(739)

<223> similar to gi2583079 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7357

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<210> 7358

<211> 2392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(2004)

<223> similar to gi2323410 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7358

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<210> 7359

<211> 1430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(986)

<223> similar to gil100182 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7359

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acaagatcac	aaagagggga	cagaatgtaa	ctttcaggtg	tgatccaatt	tctgaacaca	180
accgccttta	ttggtaccga	cagaccctgg	ggcagggccc	agagtttctg	acttacttcc	240
agaatgaagc	tcaactagaa	aaatcaaggc	tgctcagtga	tcggttctct	gcagagaggc	300
ctaagggatc	tttctccacc	ttggagatcc	agcgcacaga	gcagggggac	tcggccatgt	360
atctctgtgc	cagcaccaaa	cggttaggac	ggttgagctc	ctacaatgag	cagtattttg	420
gccagggcac	ccggctgaca	gtgctcgagg	acctgaaaaa	cgtgttccca	cccagggctg	480
ctgtgtttga	gccatcagaa	gcagagatct	cccacacca	aaaggccaca	ctgggtgtgc	540
tggccacagg	cttctacccc	gaccacgtgg	agctgagctg	gtgggtgaat	gggaaggagg	600

tgcacagtgg	ggtcagcaca	gacccgcagc	ccctcaagga	gcagcccgcc	ctcaatgact	660
ccagatactg	cctgagcagc	cgccctgaggg	tctcggccac	cttctggcag	aacccccgca	720
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catttcagga	gtgtctgtgg	agttctgctc	atcactgacc	tatcttctga	tttagggaaa	1260
gcagcattcc	cttggacatc	tgaagtgaca	gccctctttc	tctccacca	atgctgcttt	1320
ctcctgttca	tectgatgga	agtcctcaaa	caccatttcc	ataccaggc	attctgggtc	1380
cccactggag	ggttagtctg	aagggcaatg	gctgggcttt	ggaaaaccag		1430

<210> 7360

<211> 2305

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2154)...(689)

<223> similar to gi5052315 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7360

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aatgcatagc	tgcaaatttt	cttttgccat	caatatcgat	tccctctaaa	atactttgag	240
actactttgt	ggtttccgag	tacaaactaa	acctttttgg	acagagttgc	tcggcttcat	300
caaaaaaata	aaaccaattt	gcaaaaaaaa	atttgtttaa	tgctaacaaa	taaagagaca	360
atgtggttct	tgctaactaa	ctgcaatgtc	tactgaaatg	gcctaacctt	ttccacgaat	420
atttactgtg	gaacatagtt	gctttttcct	tgccatcaca	gatggcctgc	aaagtaacaa	480
gtgtcgtgtc	agagcacttt	caggcaccca	gggaatcatt	cctaacagaa	taactgcagt	540
atgtgggcaa	ctcaaacaac	agagcccaa	ggtaggcatt	gtgtttgcgc	tgtgggtaaa	600
gaccaccac	cttgttagtt	attcacctgg	aaccagagc	gcaaaactag	acagagcagt	660
tgctcttaca	gaaccaacaa	cattttaata	aattgcccg	gggttcttgg	tgctgtaatg	720
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aatgtaagag	ggtaggagcg	gctggtcacc	tggggggtaa	ttgtcaggca	caagcttcca	960
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tgggatcttt	c	tgctttttt	cgtctttccc	aacaataaca	tcaacaatct	2160
aatatttccc	a	caaattggca	gaacatacag	aaaattagaa	gttagatcag	2220
tcacagaccc	t	ttttttaaag	aaagcattct	ctcctctttt	agaccgacag	2280
atatttttcc	t	tttcatctc	gtgcc			2305

<210> 7361

<211> 2425

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (139)...(530)

<223> similar to gi2196870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7361

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ctactcacta	tgggtggttga	ctacagaacc	cgtgtgctga	agatctctga	ggaggatgag	420
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ccctctgagg	aagagatcat	caaattggct	ccccaccga	agaaggcctg	agcaaggggg	540
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gggggcaagg	gcaaccacc	atctaccac	ttactaacct	ggtcctaacc	cccttactgt	660
gcgcgtgtgt	gtgcgtgtgc	gcacgctctg	gctgtttgtc	tatatgtcta	gctcatctag	720
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ccttccattt	gggatatgtt	acattagagt	gagagagaga	ataaggagcc	tttcttatgg	2220
aagaaatggg	agaagagaga	cagggttctt	ttcagcagag	tctagtagtt	tctctgtaag	2280
gcaaaataat	ctaaaaagac	taacctgccc	accactcct	tatattgctg	tgagattgcc	2340
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gattgattgt	attgcaaaaa	aaaaa				2425

<210> 7362

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(408)

<223> similar to gi3255999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7362

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cgcagccgca	aggagagcta	ttcagtgtat	gtgtacaagg	tgctgaagca	ggtccatccc	180
gacaccggca	tctcttccaa	ggcaatgggg	atcatgaatt	ccttcgtcaa	cgacatcttc	240
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tctgttacag	acctagttac	tgggaattca	ttacttgcca	tggactacct	ttgctaagaa	720
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cggagaattg	t					791

<210> 7363
 <211> 2352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2353)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (173)...(1928)
 <223> similar to gil83002 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7363

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actttacctg	gactgaagat	aaaagcacag	acaagagaac	aatgccctgg	acatggctcc	180
agagatccac	atgacaggcc	caatgtgcct	cattgagaac	actaatgggg	aactgggtggc	240
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tgtgggcctc	taccgcacag	gaaaatccta	cctgatgaac	aagctagctg	ggaagaataa	360
gggcttctct	ctgggctcca	cagtgaatac	tcacaccaa	ggaatctgga	tgtggtgtgt	420
gcctcacccc	aaaaagccag	aacacacctt	agtccctgctt	gacactgagg	gcctgggaga	480
tgtaaagaag	gggtgacaacc	agaatgaact	ctggatcttc	accctggccg	tcctcctgag	540
cagcactctc	gtgtacaata	gcatgggaac	catcaaccag	caggctatgg	accaactgta	600
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catcaaggct	aatgggcctc	gtctagagag	cctagtgtctg	acctatatca	atgctatcag	1080
cagaggggat	ctgccctgca	tggagaacgc	agtccctggc	ttggcccaga	tagagaactc	1140
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aaaaaccaag	agatatatgt	cgcataagct	aaagatctaa	acaacagagc	ttttctgtca	1980
tcctaaccce	aggcataact	gaaacaattt	tagaatttgg	aacaagtgtc	actatatattg	2040
ataataatta	gatcttgcac	cataacacta	aaagtttaca	agaacatgca	gttcaatgat	2100

caaaatcatg	ttttttcctt	aaaaagattg	taaattgtgc	aacaaagatg	catttacctc	2160
tgtaccaaca	gaggagggat	catgagttgc	cgccactcag	aagttttattc	ttccagacga	2220
ccagtggata	ctaaggaaaag	tcttaggtaa	aaatcttggg	acatatttgg	gcactggttt	2280
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<210> 7364
<211> 5078
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (57)...(2603)
<223> similar to gi3327114 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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acggaaatca	gattcaagca	ttttcaccaa	gttctttatc	ttctttgtca	attgctgggg	180
ttggacttga	tagctcaa	ttgaaaacaa	cctttcagga	aaacacacag	agtataagtg	240
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gtgagttttc	tgactttatt	cgagtgcac	taattttctg	acctcctgct	aaacttctcc	360
ttatagactg	gccagaacta	aaggagtcca	ttccagtgat	taatggaaga	gatttacaga	420
accctattat	tgttcaactt	tgtgatcagt	gggataatcc	agcaccggta	caacatgtta	480
aaataagtct	tacaaaagct	agcaatttaa	agctcatgcc	ttcaaacca	cagcataaaa	540
cagatgagaa	aggcagggct	aatttgggag	tattcagtg	ttttgcccct	aggggagagc	600
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taatgattct	tccagaccca	gaaaaacccg	ttcgtctcaa	tgtaaataat	gacaaagatg	720
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gaacacttga	attccccttc	gtgaatgggt	cggctgaaat	catgagctcg	gtgctggcag	1320
aaagtagtcc	tgggaaggat	agtactgaat	attttattgt	atgtgagccc	cggctaccac	1380
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ctcactacat	tgccagggtc	agtcttgaac	tcctgggttc	aagcagtctt	cctgccttgg	4440
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ataataccag	aaagaatgtt	ctatcagtaa	aagaaggttt	taagtatgaa	tctccatttt	4620
tgtggagtgt	ttctaccctg	taaaaattaa	ctttgtgggt	cccagtaatt	acagtaagga	4680
gtttttctat	attttcacag	ttggatttat	ctaaggatat	ttctcagcat	attaaggaat	4740
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gtcttttagt	ataaagggaat	gtaactggag	aaaaaaatta	atgctacagc	ccatttatcc	4920
tgtgttatgt	gttatataat	ctgaaatttg	tcacaatgtt	acaatcagga	agtttttttt	4980
ctggtttctt	cttccaaagg	aaaataatag	cctacttgta	tatttgaagt	aactgaaata	5040
aaactctcta	cgagcacttt	ttgcataaaa	aaaaaaaa			5078

<210> 7365
 <211> 1803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (333)...(1422)
 <223> similar to gil314316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7365
accctccaa atctcatgtt gaaatttaat cctcagtgtt ggaggtaggg cctaattggg 60
ggtgtttggg tcatgggggc agaccctca tgaatagatt aatgtcctcc ctggagagt 120
agagtgactg agttctcact ctgttctttc ctgagaaagc tgattgttaa aaagatcctg 180
gcatctccct tctctctctt acttcctctc tcaccatgtg atctctgcat acactggctc 240
cccttctcct tctgccatga gtggaagcag cctgaggctc tcatcagaag cagatgctgg 300
tgccatgctt cttgtacagt ctgcagaacc ggaaaccatc tttgtatggc agcctgactt 360
gtcaaggaat tggcctagat ggcacccag aggttacagc ttcagaagga tttactgtga 420
atgaaataaa caagaaaagc attcatatth catgtccaaa ggaaaatgca tcttctaagt 480
ttttggcacc atatactact ttttccagaa ttcatacaaa gagtataaca tgccctggaca 540
tttccagcag aggaggtctt ggtgtgtctt ctagtactga cgggaccatg aaaatctggc 600
aggcttccaa tggagaactc aggagagtat tgggaaggaca tgtgtttgat gtgaattgtt 660
gcaggttttt cccatcaggc cttgtggtcc tgagtggggg aatggatgcc cagctgaaga 720
tatggtcagc tgaagatgct agctgcgtgg tgaccttcaa aggtcacaaa ggaggtatcc 780
tggatacagc catcgttgat cgggggagga atgtggtgtc tgcttctcga gatgggacag 840
cacgactttg ggattgtggg cgctcagcct gcttgggagt ccttgcatat tgtggttctt 900
ctatcaatgg agtggcgggtg ggtgctgctg acaactccat aaaccttggc tccctgagc 960
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cagacgcttt caactgctgt acttttctct ctggcttctt gctattggct gggactcaag 1140
atggaaacat ttatcagctg gatgtgagga gtccaagggc tccggtacaa gtcattccaca 1200
gatcaggagc accagttcta tccctgctaa gtgtcagaga tggattcatt gctagccaag 1260
gtgatggaag ctgttttatt gtccagcaag acttagacta tgtcactgag ctactgggg 1320
ctgactgtga ccctgtgtac aaggtagcca catgggagaa gcagatctac acatgctgtc 1380
gagacgggtc tgtacgacgc taccagcttt ctgacctctg acttcttgga aagagcagtc 1440
ccggttagtg aaaagggttg accctgatca acaatgagca gaaacatcat cagtccttcc 1500
caaggaccat ggcgtttaat gtcttgggca ccccttgga atcacagaaa gtcagctgta 1560
ctggccgtgt ggaactctca tcccaagacc tactttgaac tgagtaagaa ggtcattgtg 1620
cccactgcat ttgttccaac ttctccttgt ataaactcac cccagcaaca cagggaagg 1680
atatagatgc ttttagtttg ttcttaaac agttttgtta aatgtttaca aggacctcag 1740
tactaaagcc tgttctctgg aggaaataaa gaaaatatgt ttggaggtgc ctgaaaaaaa 1800
aaa
1803

```

<210> 7366
 <211> 1831
 <212> DNA
 <213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(1832)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1716)...(812)
<223> similar to gi2765075 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7366
ttttttttttt ttcgttttaa attagaaaca acgttttattg tttatttgtgt aaaatagtga      60
gcgtcttcan  tgagaaaaga gtatgtaaaa agggccttcc tacaccctgg gctttctcac      120
gttatccag   cagacgtggg actgtcctca ctgtgttagga gggaaagtcc tccccctgct      180
cccagaaaat  taggtactc  cagttttact tttgattatt tgcaggcata aaaaaaaaaa      240
aatcaaaatc  caacgattaa cagtctatct cctcctaggg atatatgctc aatccacttg      300
gacacagagg  tgggcctcaa gtccatatcc acatgtacag cccaggatta gatggcaccc      360
tggaatcaa  atgggtattc ctggctaggg actgaagaag atctcagctc ctggtgatct      420
ggttgaaaat  atgcacagtg cctccagtg  gaacctgaga ttctctcttt aatgaggaat      480
actttgactg  tggtaggacc agcagttaac tggtaggcag cattcttgcc acaggtagta      540
tctggtctgg  aagctacttg ttccatttcc aaatcctttt aagatccctt aaattgataa      600
gaatgaattc  aagtttcaaa atgacacact aagttataca cggtagcagga tgtcattaag      660
gcaacagtct  caccaagtcc atgcacaggg ctcggtatct accattcccc tccccctgcc      720
ctccaagact  gcttagttct gcttactact ccttctcctc aacgacagct tccagcatcc      780
agaagtgaac  ttgagcagcc ttcagcctca caagttgggg gtggcccaat taaggaactt      840
catggcaact  tcaaagccaa ggaaacaggg cgcattgggt  gggaaggctc ggatcatcac      900
tgcattgaac  cctttgtaca aggatgtgac tccctcatcc cggatcagct ccctcagcac      960
atctctgaaa  ccattaggat atttcccagg aggtgcagtc tggaatcgag acttgagcac     1020
atctgggggg  attgccacag cccagttgaa gatccctgca atgccccag ccaccaagat     1080
ccgagggggca ctgagctcac tgacctctt tccctcggga gtgaagatat ttttcagcca     1140
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ccctttgtag  atgctcggga tcccaaactc ctggtacagc ttctttgcac agtccaaggt     1260
accagtgtac  ttgctttctc ctgaagaagc ctgaatctgt aataagcact tgatccgttc     1320
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gggatagctg  agcacatctt ctgggtgttt ctgtgttagt ttcttcccca aaccaaacc     1440
aaagaagcac  acggcaaaac tgggagtgac cccgatgata ggggcagcca ttccccgata     1500
tagccccgtg  atgccctctc taaaaagagt cttccggaac cagtcaaagg tcccagagta     1560
catgggaggt  tgtccaggca aactcggtag ctgtgtctgc agtcggacct tgaccgtgtc     1620
cagaggggtga ccgacgaaca ccaggcacac gccgccaaag ccgccggcca gcaggttctt     1680
gagcgggctg  atgggttttg gctggtcggc catggtcagt ccgtctgtca ctccgtctgt     1740
cagttctcgg  gccgtcctgg cttctcagcc ccagctgcag tgccggcgcc gcggctcgtg     1800
ccgangtcnn  tcaagcgtca atnccccacc t                                     1831

```

```

<210> 7367
<211> 733
<212> DNA
<213> Homo sapiens

<220>

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<221> misc_feature
 <222> (87)...(433)
 <223> similar to gi2213577 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7367

ccaccaacca	aggccaagga	gaccagagcc	cagcacctca	cccagaggac	cccagtcaga	60
ggcccatct	cagacccgag	gctagcatgg	gctgcaggct	gctctgctgt	gcggttctct	120
gtctcctggg	agcgggtccc	atggaaacgg	gagttacgca	gacaccaaga	cacctgggtca	180
tgggaatgac	aaataagaag	tctttgaaat	gtgaacaaca	tctgggtcat	aacgctatgt	240
attggtacaa	gcaaagtgt	aagaagccac	tggagctcat	gtttgtctac	agtcttgaag	300
aacgggttga	aaacaacagt	gtgccaaagt	gctttctcacc	tgaatgcccc	aacagctctc	360
acttattcct	tcacctacac	accctgcagc	cagaagactc	ggccctgtat	ctctgcgcca	420
gcagccaaga	cacagccttg	cagagtcacc	gctttcctgt	gcagaaacct	taggggccct	480
ccaggaagct	gtggggggcca	ccaaacgctt	cgggtgaacat	ttcctgcaag	agccccgaca	540
gaagattcag	aacatcatag	cacctgctca	ttcatccatg	tggcaacgtt	acatcctatg	600
ctcatattta	gagtgtgggt	tttcttttagc	gtgtgactct	gcctgttaa	ctgatttgaa	660
aatgataaa	cacattcaga	tctagtcttt	ttaaaatccc	tttttaaatt	gtaaaataaa	720
gcaagcatgc	tat					733

<210> 7368
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (66)...(410)
 <223> similar to gi4756904 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7368

cgctgggaat	gatgaagaag	aacaattccg	ccaagcgggg	acctcaagat	ggaaaccagc	60
agcctgcacc	gcccgagaag	gtcggctggg	tccggaaatt	ctgcgggaaa	gggattttca	120
gggagatttg	gaaaaaccgc	tatgtggtgc	tgaaagggga	ccagctctac	atctctgaga	180
aggaggtaaa	agatgagaaa	aatattcaag	aggtatttga	cctgagtgac	tatgagaagt	240
gtgaagagct	ccggaagtcc	aagagcagga	gcaagaaaaa	tcatagcaag	tttactcttg	300
cccactccaa	acagcccggg	aacacggcac	ccaacctgat	cttcctggca	gtgagtccag	360
aagagaagga	atcgtaggac	aatgccctca	actctgccat	cacccgagcc	aagaaccgta	420
tcttgatga	ggtcaccgtt	gaggaggaca	gctatcttgc	ccatcccact	cgagacaggg	480
caaaaatcca	gcactcccgc	cgccccccaa	caaggggaca	cctaattggct	gtggcttcca	540
cctctacctc	ggatgggatg	ctgaccttgg	acttgatcca	agaggaagac	ccttcccctg	600

aggaaccaac	ctctttgtgc	tgagagcttt	cgggttgacc	tggacaagtc	tgtggcccag	660
ctggcagga	gccggcggag	agcggactca	gaccgcatcc	agccctccgc	agaccgggca	720
ancagtcttt	ccgaccttgg	gaaaaaacag	acaaaggggc	actacacccc	caggcaccaa	780
gaagttgacg	ccacagagaa	aggcgtctgg	tccctggagg	agatcta		827

<210> 7369

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (916)...(1369)

<223> similar to gil1613852 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7369

ttaggatgga	ggtgtttgct	tggtgcactt	ggagctcttt	atgaagcaag	ggctctgcct	60
cccagcctga	gaccataacc	ctggtttgga	cccagtagaa	ctcttggtgg	ccctgggttg	120
gtgtctctga	gcaaatcccc	aaagcaggag	agtccctagc	accgtgagct	ctgtcagaac	180
ctcccagctg	gcctttcttc	tgccctcatt	gacaaccctc	tgaccctctt	gctgagcata	240
gacacatatg	tgatgttaca	ggagccagtg	accttccagg	atgtggctgt	ggacttcagc	300
cgggaggagt	gggggctgct	gggcccgcga	cagaggaccg	agtaccgcga	tgtgatgctg	360
gagacctttg	ggcacctggg	ctctgtgggg	tgggagacta	cactggaaaa	taaagagtta	420
gctccaaatt	ctgacattcc	tgaggaagaa	ccagccccca	gcctgaaagt	acaagaatcc	480
tcaagggatt	gtgccttgct	ctctacatta	gaagatacct	tgcaggggtg	gggtccaggaa	540
gtccaagaca	cagtgttgaa	gcagatggag	tctgctcagg	aaaaagacct	tcctcagaag	600
aagcactttg	acaaccgtga	gtcccaggca	aacagtgggt	ctcttgacac	aaaccaagtt	660
tcgctccaga	aaattgacaa	ccctgagtc	caggcaaaca	gtggcgctct	tgacacaaac	720
caagttttgc	tccacaaaat	tcctcctaga	aaacgattgc	gcaaacgtga	ctcacaagtt	780
aaaagtatga	aacataattc	acgtgtaaaa	attcatcaga	agagctgtga	aaggcaaaag	840
gccaaagga	gcaatgggtg	taggaaaacc	ttcagtcgga	gtactaaaca	gattacgttt	900
ataagaattc	acaaggggag	ccaagtttgc	cgatgcagtg	aatgtggtaa	aatattccgg	960
aaccaagat	acttttctgt	gcataagaaa	atccataacc	gagagaggcc	ctatgtgtgt	1020
caagactgtg	ggaaaggatt	tggtcagagc	tcttccctca	cacagcatca	gagagttcat	1080
tctggagaga	gaccatttga	atgtcaggag	tgtgggagga	ccttcaatga	tcgctcagcc	1140
atctcccagc	acctgaggac	tcacactggc	gctaagccct	acaagtgtca	ggactgtgga	1200
aaagccttcc	gccagagctc	ccacctcatc	agacatcaga	ggactcacac	cggggagcgc	1260
ccatatgcat	gcaacaaatg	tggaagggcc	ttcaccacga	gtcacacct	tattgggcac	1320
cagagaaccc	acaataggac	aaagcgaaag	aagaaacagc	ctacctcata	gctctcaagc	1380
cagttgaaga	aaccttgctt	tttcagcttg	accttgcaat	ataacatgca	caggcctgct	1440
tgtgaatcag	gactgaatgt	gaaagggaag	tattgagtga	ggacattccc	aaaaccaaag	1500
gacaactgag	gagactgccc	agcacataat	gaataaataa	gaaaatgagt	gaggaggtta	1560
ttaacatcat	ttggaaaaaa	agatttcccc	attcacttga	tattgtttgt	ttccccctt	1620
agtcctttaa	aagtgggatt	aataaaatct	gaaaatgtta	tataataact	ttaaaaagcc	1680
aggtaatata	taatctgcac	tgatattaca	tccacagtac	cacagtattt	atgtgtatga	1740
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aaa						1803

<210> 7370
 <211> 3529
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (415)...(1937)
 <223> similar to gi34536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7370

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tccgcctcca	ggttcaagt	attctcgtac	ctcagcctcc	cgagtagctg	ggattacagg	180
cgctgccac	catgcctggc	tgatatttat	attttttagta	gagatggagt	ttcaccatgt	240
tggccaggct	ggtctcgaac	tctggacctc	agatcttgta	gaaaatttca	gctgtagccc	300
ttggactaga	agctgaaata	acagaagctg	tgtacgatgc	attaggggtat	tgaagaaaat	360
taacttttga	attaaatatt	tggaatataa	ggaaataagg	aaagttgact	gaaaatgggg	420
cggaagaaaa	tacaaatcac	acgcataatg	gatgaaagga	accgacaggt	cacttttaca	480
aagagaaaagt	ttggattaat	gaagaaaagcc	tatgaactta	gtgtgctctg	tgactgtgaa	540
atagcactca	tcattttcaa	cagctctaac	aaactgtttc	aatatgctag	cactgatatg	600
gacaaagttc	ttctcaagta	tacagaatat	aatgaacctc	atgaaagcag	aaccaactcg	660
gatattgttg	aggctctgaa	caagaaggaa	cacagagggg	gcgacagccc	agacctgat	720
acttcatatg	tgctaactcc	acatacagaa	gaaaaatata	aaaaaattaa	tgagggaattt	780
gataatatga	tgcggaatca	taaaatcgca	cctgggtctgc	cacctcagaa	cttttcaatg	840
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ctgggtgtccc	catctttggc	agccagctca	acgttaacag	attcaagcat	gctctctcca	960
cctcaaacca	cattacatag	aaatgtgtct	cctggagctc	ctcagagacc	accaagtact	1020
ggcaatgcag	gtgggatgtt	gagcactaca	gacctcacag	tgccaaatgg	agctggaagc	1080
agtccagtgg	ggaatggatt	tgtaaactca	agagcttctc	caaatttgat	tggagctact	1140
ggtgcaaata	gcttaggcaa	agtcatgcct	acaaagtctc	cccctccacc	aggtgggtgg	1200
aatcttggaa	tgaacagtag	gaaaccagat	cttcgagttg	tcattcccc	ttcaagcaag	1260
ggcatgatgc	ctccactatc	ggaggaagag	gaattggagt	tgaataccca	aaggatcagt	1320
agttctcaag	ccactcaacc	tcttgctacc	ccagtcgtgt	ctgtgacaac	cccaagcttg	1380
cctccgcaag	gacttgtgta	ctcagcaatg	ccgactgcct	acaacactga	ttattcactg	1440
accagcgctg	acctgtcagc	ccttcaaggc	ttcaactcgc	caggaatgct	gtcgtgga	1500
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<210> 7371

<211> 2856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2788)...(1579)

<223> similar to gi5101766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7371

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ccaaaagaaa	acgctcagta	gcaccataat	ggtaatactt	aaaagaaata	cataagatag	300
aacattttta	ctgctatcat	tgagggttaac	ctgcttttat	ttaagtgaat	tatacaggaa	360
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tattaatcac	attcatgttt	atctattttcc	tgtattttta	tatataatcc	aagggtgacca	660
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cgatcccaaa	ggcaccaaga	atcaatgggg	tacaaacttc	cccttagaga	aagggtggatt	780
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<210> 7372

<211> 2884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2851)...(1458)

<223> similar to gi4008442 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7372

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tggg						2884

<210> 7373

<211> 1924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (282)...(634)

<223> similar to gi4105275 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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ccgaaccccc cctgcacact cggcccagcg ctggtgcccc cggagcggac gtttctgcag      180
ctattctgag cacacctga cgtcggctga gggagcggga cagggtcagc ggcgaaggag      240
gcaggccccg cgcggggatc tcggaagccc tgcggtgcat catgaagttc cagtacaagg      300
aggaccatcc ctttgagtat cggaaaaagg aaggagaaaa gatccggaag aaatatccgg      360
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ggaagtacct agtgcctctt gaccttactg ttggccagtt ctacttctta atccggaaga      480
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ccagtgtctac catgggcca aatgtatgagg acaatcatga ggaagactat tttctgtatg      600
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agcacctgga cttgggggta ggggaggggt gtgtgtgctc gacatgggga aagaggggtg      720
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ttaaactgga attgacaaga gtgttgagca tccctgtcta acctgctctt tctctttggt     1380
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ggttctttct cttgggggaa atgtgtgtgt cagttctgtc agctgcaagt tcttgataa     1860
tgaagtcaat gccatcaggc caaggaaata aaataattgc ttaccttaa aatcaaaaaa     1920
aaaa                                             1924
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<210> 7374

<211> 2079

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (625)...(1630)

<223> similar to gi5901743 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


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<400> 7374
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gccaccgcca ggatggatag aatgacagaa gatgctcttc gcttgaatct gttgaagcgg 180
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catgtagcag ttataggatg agaatatctt agagaaggaa aaatgtgttg ggaaactcag 2040
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```

<210> 7375

<211> 3600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (83)...(2087)

<223> similar to gi3043744 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7375

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tcctcacaga	ttaaccagta	ttttttaaat	gtattcatte	ctacaaatta	actttcataa	2220
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cctaggaaat	ttgggaacat	gattgtattg	tattaaaatt	cgaagtgatt	attatcagct	2820
taattggatt	aaaaaagtac	ttcaagaaat	tattttatca	tatctgcttc	tgtttttcca	2880
aaagggttaaa	acttgtaaaa	aaaatatata	taaacaattg	agtttactaa	tggtaaacat	2940
ttttattctg	ggattcggtc	attggaattt	atattaaaag	acaagttatt	aaaaaggaaa	3000
ggttctatct	ataatcaggg	taaagaatat	gaaaacctta	gacgtaatcc	catgggtggat	3060
aggccattat	ggtttccact	ttggccagaa	ggcagactat	tcacagccct	atttacttac	3120
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tttaaggagg	ttgggtatta	gttttccata	ggctgtagtc	ccattcctaa	taatttctga	3240
tcttctagt	gctacttaat	tagacattat	ttgaagctgt	ctgaagaatg	cactttatga	3300
attaaaaaac	tgaattgcct	gacctcgta	tcacatgagc	ttatattttg	ggaacacata	3360
gaactgatgg	aggcttttcc	taaggccaag	gataatgtac	tagttgttaa	aatggaaata	3420

```

aaagtgaagt ggtaaatagc ttacagacag tctatgcttt gtttaagaaa tggaatggca 3480
cttcatatta ttctcatttg tgggagctaa aaattacaaa taatcaaact taaggagata 3540
gagagtagaa tgatggttac cagaggctgg gaggcattga agggatgggg agggaagtgg 3600

```

<210> 7376

<211> 965

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (245)...(886)

<223> similar to gil008080 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7376

```

aagacggtga tttctgcatt tccatctgag atgcagtcga agccctgtgg ctccaccccg 60
agggtccagc ccttaccact gctaagaact acaactccca gcccgaggga ggtctctgcg 120
cctgcggcct gacgccctac gcctacactt cccagagAAC ctagcgggta cgccaacgcg 180
cgcgTgcgcc cttgcgcgTt tctctcttcc cactcgggTt tgacctacag ccgcccggga 240
gaagatggct gcccagcag tgtccgggct ctcccggcag gtgcgatgct tcagtacctc 300
tgtggTcaga ccatttgcca agcttTtgag gcctcctgTt caggTatacg gtattgaagg 360
tcgctatgcc acagctcttt attctgctgc atcaaaacag aataagctgg agcaagtaga 420
aaaggagTtg ttgagagtag cacaaatcct gaaggaaccc aaagtggctg cttctgtttt 480
gaatccctat gtgaagcgTt ccattaaagt gaaaagccta aatgacatca cagcaaaaga 540
gaggtTctct cccctcacta ccaacctgat caatttgctt gctgaaaatg gtcgattaag 600
caatacccaa ggagTcgTtt ctgccttttTc taccatgatg agtgtccatc gcggagaggt 660
acctTgcaca gtgacctctg catctccttt agaagaagcc acactctctg aattaaaaac 720
tgtcctcaag agcttTccta gtcaaggcca agtattgaaa ttggaggcta agactgatcc 780
gtcaatcttg ggtggaatga ttgtgcgcat tggcgagaaa tatgttgaca tgtctgtcaa 840
gaccaagatt cagaagctgg gcagggctat gcgggagatt gtctaaaagt gttggTttTc 900
tgccatcagt gaaaattctt aaactTggag caacaataaa aagcttccag aacagaaaaa 960
aaaaa 965

```

<210> 7377

<211> 1491

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1293)...(546)

<223> similar to gill118102 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7377
aaagtaccaa ctatacttta tggttggtgg aacatttatg cttttttgat aaatgataaa 60
aagatcttac tcccaactac tgcataattaa aaaaagaagt taatgacaag acgattccgt 120
gggaggttga ggcaggaggg ttgcttgagc ccaggagttt gatttggcaa gacctggtct 180
ctgatttttt taaaaggatg attccaaatt aagtctaaga atggaagtga atgccaagca 240
cagacccttt cacctccaca tagagaataa acgtgggaca agctgacaag gatttttagc 300
taacagcagc cactgttgct ttgatagacg catacaagcc ctttctaaca ttagcaagtc 360
ataaaaatcc aaaaagtaaa aatctcagtt gagaacttca aacaatactt ctgttttaca 420
agaatttaat aacaaagatt aaacaatcaa aatgaaccat gggactcaaa aacatcctaa 480
gttgcaaaat caatacataa tggaaaatct gacgacattt aaaactgtaa gattaattct 540
tttcattgag ttcttctact tgcatttgca aacagagaga atgacgcgcc tgtttcaggg 600
attcttttagc cttagcaagg tcttctttta acttgttgta ttgctgcaca tcaaagtgct 660
gttgctttga tttcttggtg aagaactgaa gaaattgcct actcttaaca gctgagtaag 720
tataatcctg tcgagtgact ataaagtatg caaaaaagac catagaattt gcaaagtga 780
tgaagtatgt aactggctcc atgatatccc aggagtacac ccaccacgtg agccaggcca 840
gtgccccacc ctgaatggac agcagtgcc atccagccca caggagtcca ctggtttttg 900
cttccgaatg agcttctatt ccagctttca cctgttcaag gggctgcagc tgttcttca 960
ggtggtcaat tttctccagt aaatggtgct ctctcttttt ctgagactct tctaaatgca 1020
agattgtaaa tagtctgtga accaaagatt tcatgtgttc catctcagca gtgtgctcat 1080
tacttggttt ttctctcttt ggacactgca catcatatgc tattttatta atgacaagtt 1140
taaaatcatt cattagcaaa atatccatca aggtagaagc tgaaatcatg ttgccatctg 1200
ctgtgaagat ggctgcagtt ttgataccct tatcttcatt ttgtaggtcc tgaaggaatg 1260
aaccaactgt tgacaacatt ggtttgacta cgaattgaca acgttctttt ctagatggca 1320
aggtaaagtgt taccaaggga aggccatgtc tataaataac tgttatttca tcagggtggca 1380
ccacggtact ataatggtgt gactggtagt atttcacatt tccacacagc ttcacacgca 1440
aaacctgggg cggaggcggc agcggccacg ggcgcgctgg gcgccaggtg c 1491

```

<210> 7378

<211> 1926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (532)...(1648)

<223> similar to gi3170184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7378
ccccgcgctc cgcccacgcg tccgggggtcc ggtaacaaca tggcggcgctc cgtgaggggc 60
tcctttgggc aggggtagtg tttggtgtcc ctgtcttgcg tgatattgac aaactgaagc 120
tttctgcac cactggactt aaggaagagt gtactcgtag gcggacagct ttagtggccg 180
gccggccgct ctcatccccc ataaggagca gagtcctttg tactgaccaa gatgagcaac 240
atctacatcc aggagcctcc cacgaatggg aaggttttat tgaaaactac agctggagat 300
attgacatag agttgtggtc caaagaagct cctaaagctt gcagaaattt tatccaactt 360
tgtttggaag cttattatga caataccatt tttcatagag ttgtgcctgg tttcatagtc 420
caaggcggag atcctactgg cacagggagt ggtggagagt ctatctatgg agcgccattc 480
aaagatgaat ttcattcacg gttgcgtttt aatcggagag gactggttgc catggcaaat 540

```

gctggttctc	atgataatgg	cagccagttt	ttcttcacac	tgggtcgagc	agatgaactt	600
aacaataagc	ataccatctt	tggaaagggt	acaggggata	cagtatataa	catgttgcg	660
ctgtcagaag	tagacattga	tgatgacgaa	agaccacata	atccacacaa	aataaaaaagc	720
tgtgaggttt	tgtttaatcc	ttttgatgac	atcattccaa	gggaaattaa	aaggctgaaa	780
aaagagaaac	cagaggagga	agtaaagaaa	ttgaaacca	aaggcacaaa	aaattttagt	840
ttactttcat	ttggagagga	agctgaggaa	gaagaggagg	aagtaaatacg	agttagtcag	900
agcatgaagg	gcaaaagcaa	aagtagtcat	gacttgctta	aggatgatcc	acatctcagt	960
tctgttccag	ttgtagaaag	tgaaaaaggt	gatgcaccag	atttagttga	tgatggagaa	1020
gatgaaagt	cagagcatga	tgaatatatt	gatggtgatg	aaaagaacct	gatgagagaa	1080
agaattgcca	aaaaattaaa	aaaggacaca	agtgcgaatg	ttaaatacagc	tggagaagga	1140
gaagtggaga	agaaatcagt	cagccgcagt	gaagagctca	gaaaagaagc	aagacaatta	1200
aaacgggaac	tcttagcagc	aaaacaaaaa	aaagtagaaa	atgcagcaaa	acaagcagaa	1260
aaaagaagt	aagaggaaga	agcccctcca	gatggtgctg	ttgccgaata	cagaagagaa	1320
aagcaaaagt	atgaagctct	gaggaagcaa	cagtcaaaga	agggaacttc	ccgggaagat	1380
cagacccttg	cactgctgaa	ccagtttaaa	tctaaactca	ctcaagcaat	tgctgaaacg	1440
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cttcagtttg	aggataaaaag	cagaaaagt	aaagatgcaa	gcatgcaaga	ctcagataca	1560
tttgaaatct	atgatcctcg	gaatccagt	aataaaaagaa	ggaggggaaga	aagcaaaaag	1620
ctgatgagag	agaaaaaaga	aagaagataa	aatgagaata	atgataacca	gaacttgctg	1680
gaaatgtgcc	tacaatggcc	ttgtaacagc	cattgttccc	aacagcatca	cttaggggtg	1740
tgaaaagaag	tatttttgaa	cctgttgtct	ggttttgaaa	aacaattatc	ttgttttgca	1800
aattgtggaa	tgatgtaagc	aaatgctttt	ggttactggg	acatgtgttt	tttcctagct	1860
gaccttttat	attgctaaat	ctgaaataaa	ataactttcc	ttccacatta	catgttaaaa	1920
aaaaaa						1926

<210> 7379

<211> 1090

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(703)

<223> similar to gi919 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7379

cgagggagca	ggcgcgccg	cgccgccata	ttgcggccct	cagcgccgc	gaccgagtca	60
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aatcatgtct	ccttcatcag	ttcattgaga	ataagttcaa	acaggactcc	aatcacacaa	180
tcggcgtgga	gtttggatcc	cgggtgggtca	acgtgggtgg	gaagactgtg	aagctacaga	240
tttgggacac	ggctggccag	gagcggtttc	ggctagtgac	gcggagttat	taccgagggg	300
cggctggagc	cctgctggtg	tacgacatca	ccagccggga	gacatacaac	tcactggctg	360
cctggctgac	ggatgccgc	accctggcca	gccccaacat	cgtgggtcatc	ctctgtggca	420
acaagaagga	cctggaccct	gagcgggagg	tcactttcct	ggaggcctcc	cgctttgccc	480
aggagaatga	gctgatgttc	ctggagacca	gcgctctcac	aggcgagaac	gtggaggagg	540
cgttcctcaa	gtgtgccgc	actatcctca	acaagattga	ctcaggcgag	ctagaccg	600
agaggatggg	ctctggcatt	cagtacgggg	atgcgtccct	ccgccagctt	cggcagcctc	660
ggagtgccca	ggcctggcc	cctcagccgt	gtggctgctg	agctctgtgg	agccagctca	720
cctgttctcc	aggaccagcc	ctgctggggc	ccaggcccag	gctctgagag	gccgtgtcct	780

aacctgccct	ggccccggag	aagctacgtt	gccacctgtc	ccccctccct	ggcctgggtgg	840
ggcctggctt	tggggcaaga	ctgagccacg	ggggaagggg	gaatccccga	cctgctgctg	900
cttccctctgt	cttggttaac	gtctgtcccc	ctgaacccct	aaccataccc	caagagctcc	960
caaagcctga	gaccagggtc	atttgtcccc	aactccccat	ctggccctgc	tgttgctagt	1020
acctgttatt	tattacctgg	aggcctgtcc	agcacccccc	ctacccccat	aaagcattgt	1080
ttacaaaaaa						1090

<210> 7380
 <211> 1969
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1970)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1570)...(978)
 <223> similar to gi36032 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7380						
catttttttaa	aaacatcaga	agtagatgag	gttacagcgt	acaagtgtgg	tcagaatgct	60
actgtcgtat	gcaaattgacg	agtgcatata	gtgtcaaaaca	atgaaacaat	tgtgcaaaga	120
ataaaaaaac	aaatttttagc	ctttaaataa	atcaaataac	atcagtttct	tggactgaac	180
aatttttact	tctaggacag	gcacaaagtt	cgcttatggc	aaaaacaacc	ccacagcgca	240
tcctccctcc	tcctccgggt	agctggtgga	gggttcgcag	cgggctggcc	cgcaggagag	300
gctgtgctga	agctgtgtcc	tccccaaagtc	agttgcaaat	gtcttcccca	gggggttgaa	360
agatgggtcaa	gtcctgttca	tgcttggggcg	ggagtctggc	ccagcctggg	ccagagcgct	420
cacccatcac	cacccttaaa	taacaccatc	ttagctccga	aaataaaaatt	atatctatat	480
ttatataaca	tccccccatc	ctccccagca	gcccctccct	cccgcagtac	ccgggggtcta	540
tgttacagac	aagggatatac	aaagctcccg	tgggtgaagg	agaacatctg	atggggcgcg	600
gccacactcc	cgcgccaatc	tcgcccccg	ggatcagagg	cgggggtggg	gtgaaaatgg	660
ggcgagggga	gtcgaacaga	cacacagcca	cacactctga	ggcccggctc	ttcagaaaag	720
catgctcagg	ggacccttgg	cactcagtgg	ggagcccagg	cctgtgcaac	acagctggac	780
gcacacagac	actgggatgg	gggcgcccgg	tgcccacgcc	aagtccctggc	gcaagccaga	840
ggcgtcagca	gacagatgcc	aggcaggccg	gtgggggtcct	tgtgggacac	gggtctcccc	900
ttctccgggc	tcgcggggga	ctggtccagg	agggggagcc	gtgcgggcag	gggcaggcgc	960
gacgggcgcg	gcccctcatag	caccttgcat	cagttgatgc	agccgttctg	ggagccgtag	1020
cgcttctgca	gcgcggcgcg	cgtggccgct	tcgaagacct	cgcgcacgcc	ttccttggtc	1080
ttggcagagc	actcgaggta	gtcgtaggct	tggatgcgca	cggccatggc	gcggccgtca	1140
tcggtgcgca	cgggttccctg	cttcatgcgg	gccagctctg	tgccgacatg	ctcgctcgctg	1200
cgcaggctctt	ttttgttggc	caccaggatg	atgggcacat	tgggacagaa	gtgcttcacc	1260
tcggggaccc	acttctcggg	gatgttctcc	agcgagtccg	ggctgtccac	cgagaagcac	1320
atgagaatga	cgtcggtgtc	cgggtaggag	agcggccgca	ggcggtcgta	gtcctcctgg	1380
cccgcctgtg	cccacagcgc	cagctccacc	tgcttgccgt	ccacctcaat	gtcggccaca	1440
tagttctcga	agacggtggg	cacgtacacc	tcggggaact	cgctccttact	gaacacgatc	1500
agcaggcacg	tcttgccaca	cgcgccgtcg	cccaccacca	ccagcttctt	gcggatggcc	1560

gccatgagcg	ggccggggccc	gggcagcagg	agggggcccc	cgaacgcctc	gctgccctcc	1620
cgctcgccgc	tcactgctca	ccctggggct	gcgcgcaggt	ggcgagaagg	ggtcgctagc	1680
tgcacccggg	cccccgcggtg	gcnccgcggt	tctctccgct	ggcgctttcg	gctggccgcg	1740
gcggggggcg	gtgggggggt	ccggggggca	taaagggcgc	accagtgatt	cttagccgcg	1800
ctgctcccg	ggcgggtggtc	gctctgctca	ccccaggccg	gggatcggcc	ggctttgtgg	1860
cgtaacgcgg	ggctcgggca	gcagactcgg	gcggtggact	cggcctagct	ctctcccggg	1920
tctctccggg	cctcgctgag	catacaagac	aacagctcca	accacactg		1969

<210> 7381

<211> 2041

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(1059)

<223> similar to gi6006498 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7381

atcctgggtt	ggaggaggtg	gcggccgctg	aggctgcggc	gtgaagacgg	cgggcatggt	60
ggggcgggag	aaagagctct	ctatacactt	tgttcccg	agctgtcggc	tgggtggagga	120
ggaagttaac	atccctaata	ggagggttct	ggttactggt	gccactgggc	ttcttggcag	180
agctgtacac	aaagaatttc	agcagaataa	ttggcatgca	gttggtctgt	gtttcagaag	240
agcaagacca	aaatttgaac	aggttaatct	gttggtattct	aatgcagttc	atcacatcat	300
tcatgatttt	cagcccatg	ttatagtaca	ttgtgcagca	gagagaagac	cagatgttgt	360
agaaaatcag	ccagatgctg	cctctcaact	taatgtggat	gcttctggga	atttagcaaa	420
ggaagcagct	gctgttggag	catttctcat	ctacattagc	tcagattatg	tatttgatgg	480
aacaaatcca	ccttacagag	aggaagacat	accagctccc	ctaaatttgt	atggcaaaac	540
aaaatttagat	ggagaaaagg	ctgtcctgga	gaacaatcta	ggagctgctg	ttttgaggat	600
tcctattctg	tatggggaag	ttgaaaagct	cgaagaaagt	gctgtgactg	ttatgtttga	660
taaagtgcag	ttcagcaaca	agtcagcaaa	catggatcac	tggcagcaga	ggttccccac	720
acatgtcaaa	gatgtggcca	ctgtgtgccg	gcagctagca	gagaagagaa	tgctggatcc	780
atcaattaag	ggaacctttc	actggtctgg	caatgaacag	atgactaagt	atgaaatggc	840
atgtgcaatt	gcagatgcct	tcaacctccc	cagcagtcac	ttaagaccta	ttactgacag	900
ccctgtccta	ggagcacaac	gtccgagaaa	tgctcagctt	gactgtccca	aattggagac	960
cttgggcatt	ggccaacgaa	caccatttcg	aattggaatc	aaagaatcac	tttggccttt	1020
cctcattgac	aagagatgga	gacaaacggg	ctttcattag	tttatttgtg	ttgggttctt	1080
tttttttttt	aaatgaaaag	tatagtattg	ggcacttttt	aaagaacaaa	ggaaatagtt	1140
ttgtatgagt	actttaattg	tgactcttag	gatctttcag	gtaaatgatg	ctcttgcact	1200
agtgaatttg	tctaaagaaa	ctaaagggca	gtcatgccct	gtttgcagta	atttttcttt	1260
ttatcatttt	gtttgtcctg	gctaaacttg	gagtttgagt	atagttaaatt	atgatcctta	1320
aatattttgag	agtcaggatg	aagcagatct	gctgtagact	tttcagatga	aattgttcat	1380
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ttaaattgtg	tgaaatagta	taaaaatcat	tgggtgttcat	tatttgcttt	gcctgagctc	1500
agatcaaaat	gtttgaagaa	aggaacttta	tttttgcaag	ttacgtacag	tttttatgct	1560
tgagatattt	caacatgtta	tgtatattgg	aacttctaca	gcttgatgcc	tcctgctttt	1620
atagcagttt	atggggagca	cttgaaagag	cgtgtgtaca	tgtatttttt	ttctaggcaa	1680
acattgaatg	caaacgtgta	tttttttaat	ataaatatat	aactgtcctt	ttcatcccat	1740
gttgccgcta	agtgatattt	catatgtgtg	gttataactca	taataatggg	ccttgtaagt	1800

cttttcacca	ttcataaata	ataataaata	tgtactgctg	gcatgtaatg	cttagttttc	1860
gtgtatttac	ttcttttttt	aaatgtaagg	accaaacttc	taaactaatt	gttcttttgt	1920
tgctttaatt	tttaaaaatt	acattcttct	gatgtaacat	gtcatacata	caaaagaata	1980
tagtttaata	tgtattgaaa	taaaacacaa	taaaattaac	acttgatcca	gaaaaaaaaa	2040
a						2041

<210> 7382
 <211> 660
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(435)
 <223> similar to gi495273 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7382						
cggacgcgtg	ggcggacgcg	tgggctttcc	gogccgccac	aatggtgcgc	atgaatgtcc	60
tggcagatgc	tctcaagagt	atcaacaatg	ccgaaaagag	aggcaaacgc	caggtgctta	120
ttaggccgtg	ctccaaagtc	atcgcccggt	ttctcactgt	gatgatgaag	catggttaca	180
ttggcgaatt	tgaaatcatt	gatgaccaca	gagctgggaa	aattggtgtg	aacctcacag	240
gcaggctaaa	caagtgtggg	gtgatcagcc	ccagatttga	cgtgcaactc	aaagacctgg	300
aaaaatggca	gaataatctg	cttccatccc	gccagtttgg	tttcattgta	ctgacaacct	360
cagctggcat	catggaccat	gaagaagcaa	gacgaaaaca	cacaggaggg	aaaatcctgg	420
gattcttttt	ctagggatgt	aatacatata	tttacaataa	aaatgcctca	tggactctgg	480
tgcttccact	tggtcgtttt	gagcctttac	agcagtgtag	ccacagcttc	tgcggcagca	540
tgcagttgct	tcgtttatcg	aagaatgcga	ttccctgaag	tgactaatac	agccaaggga	600
aaaagttctt	atgaaaccag	tatgcctaag	aaacagtcac	ccctgctgtc	tgccaaaacc	660

<210> 7383
 <211> 1146
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (975)...(543)
 <223> similar to gi3874176 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7383						
tggtgtgtgt	gttttttaaa	tcaccctccc	attactcaac	attctcgttc	ccagatgaat	60

tttaaactgg	gagttgcacc	aactgtgaga	cagcctcaac	cccaatgtta	aatactacca	120
gttttatata	tatatatata	tatatatata	tataaagact	gaaaacagtt	ctctctggaa	180
aacgatccac	caaccttttt	atgggaagaa	ggctctctct	aacactttta	cttaagggaa	240
gaagtgatgg	agaggaagaa	ggaaagtaca	ctggccaata	ctctggaaac	tgactgactt	300
ggggtatctg	tgggtccaaag	aggatcccg	aagacagtga	ctctgtctca	atgattattc	360
ccatcccaat	taaaagtcac	aatgacagca	tttacattca	cacagggctc	ctttccaaga	420
agtttgtgag	tcacctacat	gtcttcaatt	ctcaaggcaa	cagtgggggc	aacaaggagg	480
ttgacagcca	ggctctgtga	gagctgtttg	tcaaagccca	ctctcagtga	gtcagtcctt	540
ggaagttggg	ttcagtgac	ggaggcagg	ccactgactg	gcttagcaac	gtgtccatca	600
tgctgatttt	agcatcttgc	ttctcaatgt	cctcatacgg	agtccaggac	aagtcagtgt	660
gtagtttgta	ggcaccaagg	aagtcagtgt	gacaacttgt	ccccattcc	tttgagagaa	720
tgatggaaaa	atactgctga	ccactctccc	gtttatagag	atagtaaag	ttgccaggtt	780
ttttcactat	attacaagct	acatgggtgca	ggttggcctc	tctgtgagca	tcttcagta	840
ccttctctgg	ttgttcttgc	aaatgttgga	tttgctcagc	tatgactgtc	agcttggttg	900
tggcatttgc	tcggatgaat	tcctcagcct	tctgcacctg	ctctgcgagc	gccacgaggt	960
ctaaggggtc	cccgcccg	tgggtgtggt	aggggtcac	cagggccagg	ccgccggggg	1020
tcggggtgag	ctccaccagg	gtctctccct	ggcctgcagc	tggcggcgct	ccttgccctt	1080
caaggacccc	ctcggtccgc	ccggcgcg	cggcgctctc	catgacagcg	ccttatccct	1140
cgtgcc						1146

<210> 7384

<211> 1571

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1480)...(365)

<223> similar to gil59767 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7384

tttttttttt	ttcaaactgc	tttactatac	tttattgata	taaatacagc	aaatctcaat	60
aagcaccagc	taccatttta	ccactacaca	agagaaacaa	agtcaaaaga	attatatatt	120
aatgcaaaga	gtaaacacag	aatgctttca	cttcactat	agtcctctat	aacaaaacat	180
cctacatact	ttgtacaatt	tgcttataat	tggtaaata	tttgatatga	agcaagggtg	240
atttttaatc	aaacttctat	ttctcagtgg	aaaatgctct	cttcctcaga	gggtggttgg	300
ttttcccgac	atcaaacatc	atttccaaag	gtgggttatt	gagagaacac	caatcaggta	360
tacggcccg	ctgattataa	tattcctttg	aaacagaacg	gtcctcaagt	atatcttgta	420
atgctccaaa	aatagccctt	cccaaccagg	ccacacaatt	agcttttgca	gggtggagtat	480
gaattcgaaa	tgtcttagtg	ccaagtgtct	ttttatattt	tgggttttct	accaaatacc	540
ttatttctgc	aagcaatctg	tggagaatc	ctggcaacat	agaagtgcc	cctatgacta	600
ccaaattctc	tgctagtgtg	ttcctgggtg	ctatcggaca	ctgtataagg	gaatccaata	660
ttaaagtggc	aactgattgc	tcttcattat	cttggtcaca	aagaatttcc	acaactgaat	720
ctctgattga	tccaaggata	tgtaaaatct	tctctccatc	taatggatag	tcaacatttg	780
ggggtgggga	gggacgctca	ttattcccat	caatattaaa	ttttgctgct	tggattttta	840
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ccggaactga	acccatcact	gaggaaggc	tctgttcttt	agcaacactt	gtgtcaacag	960
tacattgttc	caatagttga	gtttccaact	ctttgtgaag	agcttttctt	cctaggggta	1020
gtgctcccca	acaatttaga	actgggattc	cttcatatat	gggtaacacc	aggctttccc	1080

tatatccaca	atctaggacc	atggcagaat	taattccaag	cgtcagaaga	gccattagat	1140
gacttggagc	aagcaagaca	gatggaacct	caaaatattt	gaaaagaaca	cgagtgagtg	1200
tctctctgaa	gtgagaagga	cataataccg	attcgataat	cacaactcgg	cggtctcttg	1260
gattcaccaa	tagatgcctg	aaatatagta	tgtggatgaa	ttccttttagg	taggaatata	1320
attcttctgt	attgatatta	tactgaacaa	ctctgacagg	cttaggcate	ccagctcttt	1380
ttatcacact	aggaattata	catcttggac	cagtttctcc	agcaaatacca	cacttggtaa	1440
aggcctctcc	caggtcgatc	acgaccgccg	tcttctcccc	gccgctcccc	aggcctctgt	1500
agagcggcat	ggtagtaagg	cagactgaga	gaagagggtc	gcagtctccg	cggccaacaa	1560
gtctcacgaa	a					1571

<210> 7385

<211> 1947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(821)

<223> similar to gi5070698 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7385

cccacgcgtc	cgcgctgaga	tgggggcggc	ggcggcgga	gcggatcgca	ctctctttgt	60
gggcaacctt	gaaacgaaag	tgaccgagga	gctccttttc	gagcttttcc	accaggctgg	120
gccagtaata	aaggtgaaaa	ttccaaaaga	taaggatggg	aaaccaaaagc	agtttgctgt	180
tgtgaatttc	aaacatgaag	tgtctgttcc	ttatgcaatg	aatctactta	atggaatcaa	240
actttatgga	aggcctatca	aaattcaatt	tagatcagga	agtagtcag	ccccacaaga	300
tgtagctttg	tcatatcccc	aacatcatgt	tggaaattca	agccctacct	ccacatctcc	360
tagcaggtac	gaaaggacta	tggataacat	gacttcatca	gcacagataa	ttcagagatc	420
tttctcttct	ccagaaaatt	ttcagagaca	agcagtgatg	aacagtgctt	tgagacaaat	480
gtcatatggt	ggaaaatttg	gttcttcacc	tctggatcaa	tcaggatttt	caccatcagt	540
tcaatcacac	agtcatagtt	tcaatcagtc	ttcaagctcc	cagtggcgcc	aaggtacacc	600
atcatcacag	cgtaaagtca	gaatgaattc	ttatccctac	ctagcagata	gacattatag	660
ccgggaacag	cgttacactg	atcatgggtc	tgaccatcat	tacagaggaa	agagagatga	720
tttcttctat	gaagacagga	atcatgatga	ctggagccat	gactatgata	acagaagaga	780
cagtagtaga	gatggaaaat	ggcgctcatc	tgcacactaa	cacatgttaa	aaggacattg	840
tttttatagg	gtcatttttag	gccctttgac	taagttgata	tggaaatatt	ttgttgaaaa	900
actgtacaga	gcagctttac	aagttgtcac	atttctttat	aaattttttt	aaagctacag	960
tttaatacaa	aatgaattgc	ggttttatta	cattaataac	ctttcacctc	agggttttat	1020
gaagaggaaa	gggtttttatg	caaaagaaag	tgctacaatt	cctaatacatt	ttagacactt	1080
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tatttgagaa	ggcttatttg	taaagtttgg	ggataaaggc	attgcttaac	ttcttatata	1320
atttaggtat	aaattctgtg	acatgctctt	gagctttacc	ctagttgaac	atacatgtgt	1380
agatttacac	atactgtttc	attctaaaat	ttagaaattg	ttcattaaat	cccatttgag	1440
gtataagtca	ctcaggaagt	taaaatatct	ctacacgtat	atttttacat	taaaaataca	1500
gtgttagcat	aaatcccctt	ttcaggaaga	acaaaaatgt	cagtgcatag	ttagataaaa	1560
tggtaaaatg	ttttactgaa	agcatacttt	tttggaatgt	agattcatga	agcctttaag	1620
tgctgcttct	gtcagtcaaa	cgtaaaaaac	tttaacattt	tcaaagtgcc	cagactgtgt	1680

acaaagacac	atgtaatgga	gattgtacag	gttggtttttt	tgtttgaacc	tttgaaagag	1740
tttaattctta	acgttttcta	attttaaaat	tttaaaatct	tgtttaacaa	aagcttgtat	1800
taagatactg	ttttcatttc	attacagaat	tgtttataaa	agttcatttg	ttgaaaaata	1860
aggatccttt	ttaataccac	agcatttgta	ctgttccttt	ttaatatact	gaaaaaataa	1920
aagggagggg	gtgtgttaaa	aaaaaaa				1947

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<210> 7386
<211> 2660
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (298)...(1458)
<223> similar to gi5533003 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7386						
agcgctcctc	cttccgggtga	aagtcgctcgg	gttcccagcc	gggagtctgc	ggagttctca	60
tactctgtta	cccagcttcc	tttgtatgag	ggctgttgcg	cacttccggt	ggaagcgctg	120
aagcgagtgg	gtggagttta	cggagccggt	gggcggtagg	cggtgctacg	ggtagctggg	180
tgctgtccaa	aggcgacagg	gcgtcgttag	gggagcgagt	cgtgaccggt	tgggccacac	240
tcaacgtggg	acgaagcttc	gcctactggt	tgactacgtg	cgtgcagcct	cccctcgatg	300
tcggccctcg	aaaagagcat	gcacctcggc	cgccttcctt	ctcgcccacc	tctaccgggc	360
agcgggggca	gtcagagcgg	agccaagatg	cgaatgggcc	ctggaagaaa	gcgggacttt	420
tcccctgttc	cttgaggtca	gtattttgag	tccatggaag	atgtagaagt	agagaatgaa	480
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ctgcatggag	gaggtcattc	tgccctttct	tgggctgtgt	tcacggcagc	gattattagt	600
agagttcagt	gtaggattgt	agctttggat	ctgcgaagtc	atggtgaaac	aaaggtcaag	660
aatcctgaag	atctgtctgc	agaaacaatg	gcaaaagacg	ttggcaatgt	ggttgaagcc	720
atgtatgggg	accttcctcc	tccaattatg	ctgattggac	atagcatggg	tgggtctatt	780
gcagtcacac	cagcatcatc	caacctggta	ccaagcctct	tgggtctgtg	catgattgat	840
gttgtagaag	gtacagctat	ggatgcactt	aatagcatgc	agaatttctt	acggggctgt	900
cctaaaacct	tcaagtctct	ggagaatgct	attgaatgga	gtgtgaagag	tggccagatt	960
cgaaatctgg	agtctgcccg	tgtctcaatg	gttggccaaag	tcaaacagtg	tgaaggaatt	1020
acaagtccag	aaggctcaaa	atctatagtg	gaaggaatca	tagaggaaga	agaagaagat	1080
gaggaaggaa	gtgagtctat	aagcaagagg	aaaaaggaag	atgacatgga	gaccaagaaa	1140
gaccatccat	acacctggag	aattgaactg	gcaaaaacag	aaaaatactg	ggacggctgg	1200
ttccgaggct	tatccaatct	ctttcttagt	tgtcccattc	ctaaattgct	gctcttggtt	1260
ggtgttgata	gattggataa	agatctgacc	attggccaga	tgcaagggaa	gttccagatg	1320
caggtcctac	cccagtgtgg	ccatgcagtc	catgaggatg	cccctgacaa	ggtagctgaa	1380
gctgttgcca	ctttcctgat	ccggcacagg	tttgcagaac	ccatcgggtg	attccagtgt	1440
gtgtttcctg	gctgttagtg	acctgctgtc	caccctcctt	caacatcgag	ctctgttgta	1500
aatacgtcgc	accagaggcc	actgtgatgc	cactgtctcc	tctccatccc	gcccagccat	1560
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ccaaaagcat	tgttttccag	ggcccttgac	caacatcggc	ttccccagtc	cagggtcccc	1680
ctgctccttt	cccttccttg	tactggggta	gctcctgect	gctctccctg	cgttgccctag	1740
ggtaaagcct	ccagatttgc	catactgagc	ccctcttcct	agcatcaggc	gatacatctg	1800
agttcaaagt	tcttcccagg	ctcagggacc	tccattcctt	gagattgtct	tggcatggcc	1860
cagccctgcc	tcatgggatg	gacaatgcat	ggggtggtct	ttatttttcc	ctttcaaata	1920

aaacactagt	caggtaccgt	tttatcccag	tcgtactcct	ccaggtttgg	aagaccaga	1980
gaggccaaga	tcccatcctt	agccatagcg	agcggtggtg	gtggatagca	tcacaagaaa	2040
cgagcctgaa	aatcagggtcc	agccgggtcca	agcacatggc	ctcccatctg	ggagagccca	2100
ctgtcccact	cccacatgtc	tgggcacctg	ccctgggctg	aggccaggct	gctccagggg	2160
cctcctgcgc	cctcacctgc	cacagagcaa	cccagggttaa	atacagccca	tgcacaaagc	2220
cacaggccaa	agcctatgga	attgttttta	atcatcaaat	ttaaccattt	tcataactgg	2280
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cttcagctg	cctcgacaca	gcactgtggc	ctgtccctat	tgcccaggca	cgccatttcc	2460
aagggcagga	aggggcagtg	tcctgaagcc	catcttttct	gtgactgtct	taggtgatgt	2520
gtagccccct	ccacctttcc	actcaacaac	ctcccacccc	tgtcctgctg	catgggtccg	2580
agtctgggac	ctactttgtt	ttttgttatt	tatgaccttg	tttaaagaaa	ataaatatct	2640
cccaaccttt	aaaaaaaaaa					2660

<210> 7387

<211> 1074

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (442)...(823)

<223> similar to gi438652 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7387

ggcctgaagt	acccaagtcc	ccgagggcgc	gccttccccg	ggaatttaat	tcaggacaat	60
aatgttttat	tgagcgcta	ttgtgaatca	gacactgagc	agtaagcgtc	ggagaaacag	120
gtgaatgata	ccggggaaaa	gtcattccct	gtgtgtagcg	tctagggcag	cctttgcect	180
ggttccagca	gatgggttgt	ctcttcatag	tctatgcatt	tctgaagacc	ccacggtgaa	240
gggctgcaag	gatgaagctg	tcccagagta	tctccagagt	gcagatccct	tggctgccag	300
gtcatgttct	ctcttcctct	caactgctct	cccgaccata	taaggagagg	cagctgctgg	360
gggcgtcccc	aggatctaaa	gatagcttcc	gctgcctgga	actctaaatg	ccaccctgga	420
gcgggagccg	caatggcacg	gcagcacgcc	cggaccttgt	ggtacgacag	gcccagggtat	480
gtgttcatgg	agtttttgtg	tgaggacagc	accgatgtcc	acgtgcttat	tgaggatcac	540
cgcatttgtg	tcagctgcaa	gaatgccgat	ggagtggagt	tgtacaatga	gatttgagttc	600
tatgccaag	tgaactccaa	ggactcccag	gataagcgct	cttcccgtc	tattacttgt	660
tttgtgagaa	aatggaagga	aaaggtggcc	tggccgcggc	ttaccaagga	ggatatcaag	720
ccagtgtggc	tgtctgtgga	ctttgataac	tggagagact	gggaagggga	tgaagagatg	780
gagctggctc	atgttggaaca	ttatgcagag	gtgagagaca	acacctactg	tgttctgccc	840
acttgatcat	tcttttgtgt	tctctgcaca	catgtctctg	gaggattgtc	actggggcca	900
agcagagata	tgcaagctct	ctaggcagg	tactcattga	tgctgatatt	ctttacgtat	960
tttgtgcaat	gtttatttaa	tagggatgag	aggaaagaat	attattgaaa	ttatatacat	1020
tgattcactt	attcagtgtg	gagcctgtat	tctgaagaag	tttgacaaaa	cggtt	1074

<210> 7388

<211> 1111
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (882)...(245)
 <223> similar to gi4929705 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7388

tttttttttt	ttctgcagca	gattttttatt	agatggaaga	taacaagcat	tacctcatag	60
gtaagtggta	agaaatggca	agtacagcca	agccacagag	gagtgaggac	attactggct	120
atgggaatgg	gtacttatga	aatctaaggg	ttgggtctcc	tgatgaactc	taactaccca	180
gtaagctctt	ctctttggca	ctcaatatga	ccactgctgg	catgaaaggg	tctacagtag	240
ctacttcaac	ttggccaaca	gttcttccag	ttctggtcga	gctttgaatc	gtcccttgaa	300
gtctttctca	gtgtgctcct	tcaactgacag	tctgactcct	tcaggaagac	tgctttggat	360
tatttccaag	aaaatttctg	caaacgtagc	actcaaaccg	ctgatctgaa	ccactcgctc	420
atgggtggta	agcactgagt	ccaggagcat	tttgtgcct	tggtcctgca	actgcaacac	480
ttctatgggt	ttggttggca	ttgcataact	ttcctcgact	ttaatggaga	gagagttgca	540
gaggttgtga	acatactggg	cataactctc	tgccagggtc	atatcatatg	cagtcagatg	600
aataatttaa	accccatatt	cataatctgt	cccaaattta	atggctctca	cttccacttt	660
tcccttcttc	ttcttgggct	cttctgcttt	aattaagtgc	ttgtactttc	caatgccgtg	720
gggtgggcttt	gtcttgtagg	gccgactgat	acttagtaga	attccaccta	cagaatagat	780
gggcttctct	cctgaagtgc	taaaccttaa	gagagaaaag	gcttgcttaa	aaatgggtatt	840
gttcttcagg	cacagcacct	tttccaaggt	tccgtctatc	ctttgctgct	gcgcggcctc	900
tagctgtgca	aaccgaagac	cggaccctgc	agccgcgttc	ccagggcgtc	tgaaaacact	960
gaaggaacgg	ccttgaccag	gtgcagcagc	aatatcccac	cgagactcac	tcaacttcca	1020
catcatttta	gttcgggaag	cttctgaaat	tcagagtcta	gaaattctcc	tgctttccac	1080
cctcactcag	gttgacatt	cactgctgtt	t			1111

<210> 7389
 <211> 1108
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(333)
 <223> similar to gi2239219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7389

tcttcagggg	gaggaagccg	gcggcctcac	tgctatgggc	cgcaacaaga	agaagaagcg	60
agatggtgac	gaccggcggc	cgaggctcgt	tcttagcttc	gacgaggaga	agaggcggga	120
gtacctgaca	ggcttccaca	agcggaaggt	cgagcgaaag	aaggcagcca	ttgaggagat	180
taagcagcgg	ctgaaagagg	agcagaggaa	gcttcggggg	gagcgccacc	aggaatactt	240

gaagatgctg	gcagagagag	aagaggctct	ggaggaggca	gatgagctgg	accggttggt	300
gacagcaaag	acggagtcgg	tgcagtatga	ccacccaac	cacacagtca	ccgtgaccac	360
catcagtga	ctggacctct	cgggggccc	gctgctcggg	ctgacccac	ctgaggagg	420
ggctggagac	aggtctgagg	aggaggcgct	atccacggag	aaaccaacca	aagccttgcc	480
caggaagtcc	agagaccccc	tgctctctca	gcggatctcc	tccctcacag	catcactaca	540
tgcacacagc	cgcaaaaagg	tcaagaggaa	acatccccga	cgggccagg	actccaaaaa	600
gcccccaagg	gccccctcgt	ccagcaaggc	ccagcgccgc	cgtctcacag	gcaaagcacg	660
gcacagcggg	gagtgagacc	gagaacgaag	cggtgcccca	gtctaggctg	cggggacctg	720
tccttgctca	gcttggtgt	ccctgtagcc	cagcctgcac	ctaggtaatg	actgcacagc	780
tcaaggttgg	gaagccagga	cctctctggc	ctggggccag	ctgcctttgc	ctgggggtcag	840
ctgcctttgc	ctgggggtttg	aattccccga	ggagcaggca	gctgagagca	ggcctcccc	900
aggaagagcc	ttcagagcca	cgtgggggca	tcttcccaa	tgtgcacccc	acctggcact	960
catcagattt	gtgcgcttgt	gatttgtttg	tccttgatac	cacgcacaag	ggcagggttt	1020
tgggggtggtg	gaaatggcca	gggcccattg	gtctgtctcc	agcagttagc	cctgtggctg	1080
caataaagta	cagttctccc	tgtgttaa				1108

<210> 7390

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1121)...(695)

<223> similar to gill185119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7390

tttttttttt	ttatacaaca	ttttcagcct	ttattgagag	tacagtcac	atgccaaaat	60
tcacccatca	acatacaacc	ttatttccca	tctaaagtta	atgagaatgt	atttttat	120
aaatgggaca	tagaggcaac	atgccaaaga	ttaaagtaca	accataaagt	tttagtttca	180
cactttgaat	atcaacaaa	cagtaattcc	taaaatcatg	aaaacatgat	aaagtatcta	240
tacagaaaaa	aatgaacatt	taagtcattt	cacgctttct	taatatacata	tagtgaaaac	300
agatgtacct	ataatttcag	cctacagata	gcatacttca	taaggtcatt	attcatttaa	360
aatagtacaa	atgtttacaa	agaacatttc	acttaaattt	cacagctgct	tataaaatgg	420
tacttgcaag	actgacctat	ataaagaaat	aagagtctca	tcaagagatg	gtaaattata	480
aatatataat	atatcacaat	gttaaaatcc	tcagtgtctaa	tcaataagat	aatgatcttt	540
ggagaggaaa	gtatttagct	ttacatattt	actgtgaatt	tacatattaa	taagaaacac	600
atttaaacct	tgccctgcca	cagaattatt	ttgcgggggg	gggggggggg	gaagatgtac	660
tttttgaata	tgtgtacatc	aaaacaaaa	agttaacttt	tactttttcc	tttattggca	720
acttttgatg	cattttttcga	ttttggttcc	cagagggcat	tttttacaaa	tcttgaagct	780
gcacctctgt	ccagcttgcc	agcctttttc	ttgtctgtta	tttccttgac	tctgttcata	840
tatactctga	ttctttccaa	ttcctgtttt	actggatgtt	ccttaggatt	aactccttgg	900
gttgccaaat	aaacccaaaa	cattgaattt	aatgtgtatg	cagaaaccaa	atccactttt	960
gcttgttcaa	gtggatccaa	cttctgcaac	aactcatttc	tagaaacaga	catcatggtc	1020
ttcagcatct	catccacagc	accaatggaa	ttctcaaacy	ctgacaaata	ctcgtgaatt	1080
tctactggat	agtcttcatt	aatttcttca	cctgccatta	tggctgacca	gctctgtctc	1140
tcaccctcct	ccgggggttct	ataggtactc	cttgcccttc	cacatactcc	ttctaaaaca	1200
ctgggtcacg	gccttcgact	ccag				1224

<210> 7391
 <211> 1699
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1700)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (116)...(1140)
 <223> similar to gi2648830 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7391

gtagggaaac	tgtgagggcg	gcaccggaag	tggcgagcag	tctgcgcgcg	gantggccgc	60
agcggcgatg	gcggcagcgg	caggtggagg	ggctggcgcg	gcccgcctcc	tctgcgcgtt	120
ccgaggctgc	ctggctggcg	cgctgctcgg	ggactgcgtg	ggctccttct	acgaggccca	180
cgacaccgtc	gacctgacgt	cagtctctgc	tcatgtccag	agtctggagc	cggaaccccg	240
cacgcccggg	agtgagcggg	cagaagcctt	gtactacaca	gatgacacag	ccatggccag	300
ggccctgggtg	cagtccctgc	tagccaagga	ggcctttgac	gaggtggaca	tggtcacag	360
atgtgctcag	gagtacaaga	aagaccctga	caggggctat	ggtgctggag	tagtcaactgt	420
cttcaagaag	ctcctgaacc	ccaaatgtcg	cgatgtcttt	gagcctgcc	gggccagtt	480
taacgggaaa	ggctcctatg	gcaatggagg	tgccatgcgg	gtggctggca	tctccctggc	540
ctatagcagt	gtccaggatg	tgcagaagtt	tgcgcggctc	tgcggccagc	tgacacacgc	600
ctcctccctg	ggttacaatg	gcgccatcct	gcaggccctg	gctgtgcacc	tggccttgca	660
gggcgagtct	tccagcaagc	actttctcaa	gcaactcctg	ggccacatgg	aggatctgga	720
gggtgatgcc	cagtccgtct	tggatgccag	ggagtggggc	atggaggagc	gtccatactc	780
cagccgcctg	aagaagattg	gagagcttct	agaccaggca	tcggtgacca	gggaggaagt	840
ggtgtctgag	ctagggaatg	gcattgctgc	ctttgagtcg	gtaccacacc	ccatctactg	900
cttcctacgc	tgcatggagc	cagaccctga	gatcccttct	gccttcaata	gcctccaaag	960
gactctcatt	tattccatct	cacttggtgg	ggacacagac	accattgcc	ccatggctgg	1020
ggccattgct	ggtgcctact	atgggatgga	tcaggtgcc	gagagctggc	agcaaagctg	1080
tgaaggctac	gaggagacag	acatcctggc	ccaaagcctg	caccgtgtct	tccagaagag	1140
ttgatgaggg	ctacagctgt	tggggctctg	ccaggtcccc	tggaaccaac	tacagctcca	1200
atcagaaaac	ctgcgcttcc	ttgagtgtgg	cttcccactt	ttcctgcatt	gtggagctga	1260
ctgagtacac	cggtgaggct	ggggtctctg	caggggaggt	cactggaaca	gcgagcaagg	1320
gactggtgcc	tcgctggtgc	tgggtctctg	gtttgctgca	gagccgtagg	acactcctgg	1380
ctcctcagta	ggacagacag	acgcaggcgg	gtttattttg	gaggggtact	tgtggcattt	1440
tctctgattg	tcttggacat	gggatgtggg	gaggtggaaa	tgatgagcag	tagcatcatt	1500
tctccctggt	gggttttagc	cagtttgcca	gcaagcgcac	cctagcaggg	tccccgagca	1560
gcaggttggtg	tggatgaagg	gacaggcact	tgcattccag	tgatctaagg	cacacctggc	1620
tcttggtgc	cattgtggctt	attaacagct	tccagtggaa	gtcgcaataa	acagtttttg	1680
gtaaattctca	aaaaaaaaa					1699

<210> 7392
 <211> 1568
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1007)...(624)
 <223> similar to gi2388963 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7392

tttttttttt	ttaagtcaca	gaaactttta	ttggaaagaa	acgagctgca	gcaaagtgac	60
actcagtgc	cgcgccaaa	tgggcgaggt	gggggtacag	gtgggcaccg	gggcccggccc	120
aagaccagag	ccggtgactg	ctggggcctg	ctcgtggggc	ctccggccac	agaccctttg	180
ggctggagtg	tgcaggccca	gtagaaatac	aaaaataaac	tctgcgggtcc	agctgtccct	240
gctgtggcag	ttcatttggg	cagggcagtc	gctcctccca	ccaggccccc	tgctgacaag	300
tccggccaca	gcatgggcag	caggagtctg	aggggtgagt	gggcatccac	aggatggagc	360
caaagggcta	ggcaggtatg	gccttgggca	gtgccaggac	tgtggcagcg	ccagggtctg	420
gccagcagct	ggggaggccc	caggggcctc	tcaggtggac	aggtccaggc	attggttgaa	480
gctggatgaa	gctggggcct	cggctcctcc	tcatcaaata	cagatcactg	ggaccctgtc	540
ctcctccatg	gtgctgggtc	cctcggcccc	actgcccctg	cttctgcttt	cttcctccac	600
ctcctcctcc	cccagctcca	tgtccagctc	gttgccctgc	tctgaggggtg	tgtaggtgga	660
gccactgatg	gaacggcagc	taaagaagac	gattcgcttg	agccgcttgt	tgtagaagaa	720
gtagttgaag	gaccagaggc	taccatcctc	cccgaaggga	tctgagtgca	agtctgggtt	780
atagctgtag	atgtcacatt	cagccaggca	gatctcctcg	tccaccgcgt	tccacagctg	840
tggtttcaga	tccttgaagt	cctcccgcac	agctgagaac	agactgcagt	tgactgcatt	900
caccacccag	ctaaggctgg	gctcccggct	gaactcatgg	ctgcgggctg	tgctgaagtc	960
atagtcaggc	ctgaaggact	cattgagcgt	ggcaatcagg	tagaagaggg	tcttgcggtc	1020
gcacttgcca	ctgagggggc	cctcctcctc	accgccttgg	cttttgctga	gtctgctggg	1080
gctcagtcct	gaagtctggg	gtggagaaag	tgccctccagc	acgtgggggt	ggccctcctg	1140
gcagaactgc	ttgaacatgt	gtttgtcgtc	tcctgccatc	ttacatgagt	agctctcaat	1200
cctgccaatg	atgtgggcat	ctccggtctc	cacagtcagc	tgtgagttga	tggtttcaaa	1260
gctcgagttc	tccaatagct	tcattgtctt	ggggaaggag	ctccgtgctc	cagagggggt	1320
agtattgcct	gcctggctgg	gttagatcca	ggccgcgcgg	agccgggtct	ggctgggctg	1380
agctccgcgt	cgggtgccgg	gcgcaggcgg	gggcgggctc	ggcagcgcgg	gctcttcaag	1440
atcggaggcg	gcgcggcct	ccgctcgggc	cgcactgtat	ccgggggaag	aagtcgcgcg	1500
cgacgtccca	attaacatca	cgccctgcac	gcgatccggg	ctgccaccgc	gacatagcct	1560
cgcccccc						1568

<210> 7393
 <211> 1524
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (89)...(485)
 <223> similar to gi975631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7393
ccgcgaaacc tagtgctgaa gtaggcgcgg acgtgcccgg tgcctggcgc gtggtagcag      60
gcgcccgggtg ccccggccgg cgaagaccat ggcgttcatg gtgaagacca tgggtggcgg      120
ccagctgaag aacctcactg ggagcctggg aggcggcgag gataaggag atggggacaa      180
gtcggcagcc gaagctcagg gcatgagccg ggaggagtac gaggagtatc agaagcaact      240
cgtggaagag aagatggagc gggatgcaca gttcacacag aggaaggcag agcgggccac      300
actgcggagc cacttccgag acaaataccg gctaccaag aacgagacag atgagagcca      360
gatccagatg gcaggtggag acgtggagct gccccgggag ctggccaaga tgatcgagga      420
ggacacagag gaggaggagg agaaggcctc agtccttggg cagctggcca gccttcctgg      480
cttgaacctg ggctcactca aggacaaggc ccaggccaca ctgggggatc tcaagcaatc      540
agctgagaag tgtcacgtca tgtgacctc tccccggggg taccactgg gctgggcccc      600
catgagggct aagagtgtgt caacttccag ggaccatac tccatttggg gctttgtttc      660
ccttgcccca tcctagtctc aagacctttc ccatccatgc cccaagccta tcttctgggt      720
tcttcctctc cgctgggagt aaagtcccca tcttactct acccttcagg accctcccca      780
ccagctcagc ctgtggaggc ctcccaagat tgtaggaata ggcccatccc tctctggcca      840
tggccccaag ttcctgcaca caggagcacc cacagagaga cacacacagg acacaaaacc      900
cctggcacgt tcagagacag aagccacaga cacatcccgg cacagacaga cacacacgag      960
gccagctccc ttgctgtctc agcccctcca gacaccacca ctcagaaact ctgagagaga     1020
gcatgggcag acaccctcag cagacaggag gcctgagttc cagtctccac ctttattgtt     1080
cttgaaagcc cctgctctct ctgagcctta tttcatcatc tgtaaaatgg gaatgtcctg     1140
aatgacttct aaggctcttt ctggcttgaa ctgtcagagc caagcccaca tccctccttg     1200
ggcagggcag cagctgctgc cacagcctcc agcggctgcc actgtgggct ctgggagccg     1260
gagcgatgct gtgtgagagg cagagtgcga aggatgaagc tggcactgaa cagtaagcgg     1320
ctccaggcct cctctggggc cagggcccag ccaatttctg ttctgttctt gtagaacgct     1380
ctctggattc catagctgga atctctctc ttagctcagt gaaaaataaa aatcccaaat     1440
ggtgtgccta ccttccact tcttactggc ttccaggagt ctgggagttc atagccccc     1500
gagcctgcct taaaggggtg cctc                                     1524

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<210> 7394

<211> 1463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (77)...(892)

<223> similar to gi29636 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7394
cgccatgctt ggcacgaggg agcccagccg gcgcggagcg ggagcgggtc aggctgaggt      60
ctccgagcgg ctgcctatgg ctggcccgcg gcagcagccc ccttacctgc acctggccga     120
gctgacggcg tcccagttcc tggaaaatag gaagcacttt gacgcagacg gaaatgggta     180
tattgaaggt aaagagctag aaaacttttt ccaagagctg gagaaggcaa ggaaaggctc     240
tggcatgatg tcaaagagtg acaactttgg agaaaagatg aaggagttca tgcagaagta     300

```

tgataaaaac	tcagatggga	aaatcgagat	ggcagagctg	gcgcagatcc	tgccaaccga	360
agagaacttc	cttctgtgct	tcaggcagca	cgtgggctcc	agcgccgagt	ttatggaggc	420
ttggcggaag	tacgacacag	acaggagtgg	ctacatcgaa	gccaatgagc	tcaagggatt	480
cctgtcagac	ctgctgaaga	aggcgaaccg	gccgtacgat	gagcccaagc	tccaggaata	540
cacccaaacc	atactacgga	tgtttgactt	gaacggggat	ggcaaattgg	gcctctcaga	600
gatgtcccga	ctcctgcctg	tccaggaaaa	cttcctgctt	aaatttcagg	gcatgaagct	660
gacctcagag	gagtttaacg	cgatcttcac	atttttacgac	aaggatagaa	gcggctacat	720
tgacgagcat	gagctggatg	cccttttgaa	ggatctgtac	gagaaaaaca	aaaaggaaat	780
gaatattcaa	cagctcacca	actacagaaa	gagcgtcatg	tccttggcag	aggcagggaa	840
gctctaccgc	aaggacctgg	agattgtgct	ctgcagcgag	ccccccatgt	aaagtgggga	900
cgggggctgc	ttctccacct	cccccaaacc	ctgcttctgc	tgccctgatg	cgtctacca	960
gactcagaga	ccgtgagcgc	cccggcccca	cccctacagc	ctgcacacac	ctgcctgcag	1020
agcaggaaat	gagagataga	ggatgggcag	ctggggggct	gtcctgagcc	ccctgcaccc	1080
accctgccc	aggcagctct	tgctcagtgg	atcacacaca	tggaagggtga	tgggggcatg	1140
gggtggagggt	ccctaattct	cttcgctgtg	atgcatgagc	tcctctgctg	tatgatttag	1200
gcttctatgt	ccaacagagt	ggactcttcc	ctctcgctcc	cctctgccgg	tcccccatgc	1260
caccaccac	cccaaacttc	caggttccat	ccaccacctt	gccaatgggtg	tagctgtcct	1320
ctcagaactc	ctgtgtgtgg	aaggcacccg	ccctttcctt	gccttcttta	ctcggcgtgc	1380
tccttttctc	tttgggtttc	ttgtttacca	aagaagagtt	tacagacaat	aaaatggaaa	1440
ggtcctgctg	tggaaactta	aaa				1463

<210> 7395

<211> 1166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (759)...(103)

<223> similar to gi387048 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7395

tttttttctg	tataaaagcca	aagaccttta	tttcttctctg	cctccccctg	ggaagcctcc	60
gccctgaggt	ccgctggccc	accaccctg	gggtgctcagt	ttctaccaac	atgagccagc	120
aagtccttgt	ggtagccctg	gggtagcctg	tagtagactc	gggtcctgtc	cacagcccta	180
gctgccagca	atgctgtcct	cacagaggca	tagtcgcctc	cagctgggtt	gtgctccact	240
gtgacgggtg	cccgggggga	ggatgccagc	agcctgccta	tggctccagc	tgtgctgtgg	300
cccagcagca	tggcctgcat	ctggaaggac	acaggttgcc	agagccctg	gcacaactct	360
agcatatctg	tgagcagctg	ttccctgtag	ccactgcccc	gcacctctc	aggccagcct	420
ggtgccacag	tcacgtgggg	gaagacctca	gccacagctg	taagcagctc	tctgccagcc	480
acatggccgg	ggaccgaaaa	actcccgtgg	gagattttgg	ccccaaacca	cacaggccaa	540
tgcaagaggc	caaggctgga	gaggcgtgcc	agcaaggcca	gggatggccg	gagggctgcg	600
ggctccgcta	tttgcaaatg	gatgccccag	tgtccgggat	gtgtggccag	ctgctgcagg	660
caggactcca	gcgtcaggat	gttgccactt	ggagtatgaa	caatgggcac	ggggttttca	720
gccacagttc	cctcgaggcc	agtgttcagc	aggatcatgc	cttctgtgtc	tgggaagaggc	780
ggcagaggca	acagtgttta	ggatttggtt	tatcataagg	tgtaagagt	cccttgtaaa	840
agggggcagtg	ggagttatgg	ggatcatcaag	gaccttgccct	ctctggaatc	tgtcaacca	900
gttttgggct	ccagggtgat	gggttgcttt	ataaatgtgc	ctgggtgcatg	agaaactctt	960
gttttcagctc	ttggcccttta	cccatgactc	agcctggggg	ctgggtgccgg	ccttgccctgc	1020

agcaatgtag	ctgaggactg	gtctgaaggc	caggagccct	gtgctcttga	catcactgta	1080
ctccctctcc	ctccccgcaa	ccctgccccca	ccttgcatcc	agggtatggt	gtaaataaac	1140
ctgtgttgcc	atggcaaaaa	aaaaaa				1166

<210> 7396
 <211> 1080
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (927)...(522)
 <223> similar to gi1001603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7396						
tcactttaaa	cttttgga	ttttaatgtt	aaaatcaa	tatgtttttc	tgggctctta	60
aacacctctg	ctgtttatgt	agttatgcag	catgtcaaga	agcatcttaa	gacagaaagt	120
ttcaaatagg	tcacattctt	ttggtctttc	tactcaattt	ctctctgtga	tcaacagcag	180
gctgatgcct	ctgtttgaca	cccccttctg	ttaagatatt	attgcaatta	gatataattta	240
caagaagact	ccccccgacg	gcagtgggga	agggtgggagc	tcctcttcgg	caatccactc	300
actagttttg	gtttcgggat	atgaaggcca	ggactcgtcg	aataccattc	agtctgtcct	360
ttaaggacct	cattgctagg	aaggggagct	gagctcggct	ttccaaggga	agaactgcta	420
acatccacca	gcaccaggct	gggccattcg	ggttcatctg	aggatcggcg	tctttctccg	480
gcatgggacc	aaagtgattg	agtatccgat	tctttaggga	taatttgagc	gaatgaaacc	540
acaatgacgc	ttgctgatag	acacagttat	gtaatcccat	gagctcagca	caatcctctc	600
cctgaacctt	ttggtcttca	atgtattcaa	tgctcggctgt	gttgtagcca	tcccgtggc	660
tctgatggag	caccctgaag	cgcctcttgc	ctatgctgtc	aaccactgag	cggccatcag	720
caaagaattg	aacatttctg	atctctagga	tgcagccata	ttctgcaaac	cctttgacag	780
gatctccaag	gcacatgcca	aactgtctcg	tgccgtgtctc	aatgcatcta	cgaatcatca	840
ggcggtaaca	aggctcaaa	atgtgcaggg	gacaagggaac	ggtgggatag	gccatagtac	900
acacgaaaat	aggcacattc	ttattaaggt	tagaaagttc	ttccatttcc	tcttcataaa	960
gcttccttcg	ttccttcagt	tcttctggaa	ggaatttagc	tatgagctcc	tccattatta	1020
cattttttgct	gtattttctt	gatgccaagc	actgtgaaag	accgtctttg	cacaatggac	1080

<210> 7397
 <211> 4698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4487)...(2744)
 <223> similar to gi4240243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7397

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acatactttc	atthttctcat	taatatcact	ggcctatttt	aacactatat	tttttttgcc	180
aagcattttt	agagggctta	tcttttttaa	ggaaatacag	gcccccaact	ttgttttcgg	240
aaaatgttgt	aggcaatagg	ctatttttga	tgggtcttct	tggccccatc	cttaattttc	300
ctcactactaa	aggcaaaaaat	atthtggttaa	tggctaacaa	tatgcaaaaa	cactgaacct	360
ttaatactgt	tttgtagccc	ctatgggaac	ctgctaccaa	tcctgcattg	cccatcaaag	420
gggtggtggga	tgctcccaca	gtggcttggg	gctgcggagg	ctgtggggcca	cgggctggca	480
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tttgctgggg	gttacattca	taaacactgc	tacaaaagga	tccttctgga	aaaagctaatt	600
ttatattact	tttaatgggt	cccagcaaat	gaagcagtta	taatagtatt	tttaatgctt	660
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ggtgagaaaa	atataaaaata	aatgtaaaag	tataattttt	aaaaattgta	actgctggat	780
gtacacaaatc	agccacactc	aggtgagcaa	caatcacaga	taagcagcgc	gcacctccct	840
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ctgtttgtgca	tcacgctca	aatgttgctt	ttaatccaca	aatcaagggc	tgcttcccta	960
ttttctaaaa	ctagcaaaaag	cctaagaaat	aaaaacagtc	aaccagcaaa	tgagaaaacag	1020
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ttacagatgt	agttctccgt	aggcagcagg	tcatgtagca	gtcattcttt	tacaacttct	2760
aggactttgt	aaacactgtt	ctggaataca	gtggtgaagt	gaggtttgga	atccttcacc	2820
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ggcactactgc	aaccaggctt	ggatcttctt	acacaccatg	actcttctag	aatgtaatag	2940
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ctcataatta	aaataccaag	ggctgtatat	gctaacaatt	gcaatgcatg	gtaaaccagc	3420
tctccatgat	caaactgggtg	ttttcttaca	tgtgtctgtt	gtttagctaa	gacaccccac	3480
atatcactaa	taatctttct	aacaatagca	acaaacccta	caagaacaac	tggaagcaat	3540
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gaagttaata	acattgagtt	cccaaaccatc	aaaacaaaac	aaagtgcag	agaaatcatg	3900
tgtatataaa	tgatcttccg	taattttacat	atatcaatgt	acccgacaac	atatactgca	3960
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tcagggtaaa	gattgaatct	ttttaatgta	ttaatgacaa	gggggtattc	agtcagttta	4500
tcattcataa	tcattccatac	tccattcaaa	aatgaggggtg	cttcacacaa	agtcttgaaa	4560
taggaataat	atagtcccat	ttcagtgcga	aaagccatct	actatgttta	ttattttatct	4620
tctgtcttcc	ctctttcccc	cactctgtta	gaatgtagta	atatgaatgc	tggtgtattc	4680
cacatgcctt	gacagttg					4698

<210> 7398

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(130)

<223> similar to gi950109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7398

cggacgcgtg	ggcggacgcg	tgggtagcgc	cattttttttg	gaaacctctg	cgccatgaga	60
gccaaagtga	ggaagaagcg	aatgcgcagg	ctgaagcgca	aaagaagaaa	gatgaggcag	120
agggtccaagt	aaaccgctag	cttggtgcac	cgtggaggcc	acaggagcag	aaacatggaa	180
tgccagacgc	tggggatgct	ggtacaagtt	gtgggactgc	atgctactgt	ctagagcttg	240
tctcaatgga	tctagaactt	catcgccctc	tgatcgccga	tcacctctga	gaccacacctt	300
gctcataaac	aaaatgccca	tgttggtcct	ctgccctgga	cctgtgacat	tctggactat	360
ttctgtgttt	atgtgtggcc	gagtgtgaaca	accatataat	aaatcacctc	ttccgctggt	420
ttagctgaag	aattaaaaaa	aaaa				444

<210> 7399
 <211> 1649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (117)...(824)
 <223> similar to gi4456768 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7399

ctattttgtt	tcgtctggta	ctcttgtctc	tcgtttat	gtttaactct	gtagccacag	60
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ccgtattgct	gttaataaga	attatccttg	aattattgcc	gggtgtggat	aacatcccat	180
ctgttactac	tgacatgctt	actcgtctgt	cagatttatt	gaagtacttc	aattcaagaa	240
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caaaaaat	ggctctttct	tcacgatgtt	tgcaagttat	tgtgcactac	attcctgtga	360
tccgggctca	ttttgaagct	cgactaccac	ctaagcaata	tagcatgctt	aggcattttg	420
atcatatcac	taaggactac	catgatcaca	tagctgaaat	atcagctaag	cttgttagcga	480
taatggatag	cttatttgac	aagctgttat	ctaagtatga	agtgaaggct	cctgttccct	540
ctgcctgttt	caggaatatt	tgtaagcaaa	tgacaaaaat	gcacgaagct	atatttgatc	600
tccttccaga	agaacaaaca	cagatgttat	ttttaagaat	taatgcaagt	tataaactcc	660
acttgaaaaa	gcagttatct	cacttaaatg	tgataaatga	tggaaggacct	caaaatgggt	720
tggtcacagc	agatgtagct	ttttacactg	gaaatcttca	agccttaaaa	ggccttaaaag	780
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tcgagaattg	aacctgaaac	ccaaagtga	ctgggggtggg	ggaagggaaa	aaggaaagta	960
tcaagtgttg	ggaaactgga	ttcagtggga	tctacaagga	atgtcatttt	tgtgcatcct	1020
acagtgagga	gtaactgatc	aggtgtctat	aacatttttc	attctctctg	gaaacagact	1080
caggtttctt	tggaccaa	ccaaaagaac	acatagctgt	aacacagctg	tagttgacta	1140
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gaaagttttc	tctatgaaag	taaagctgtt	tgaaaaatta	ttattttttt	acagatcttt	1320
ctataaaaaa	taaacatctt	ttgattgctt	ggatttagga	attcaattct	tgtttcagtg	1380
accaatgtca	agttgcaggc	tttgtgtgtt	gcataattaa	tatttctact	accaccgtat	1440
gtcaactggg	taaagccttc	cagagctctc	taaataacctg	aaagacttaa	gccttttttt	1500
aagtaattaa	tacttaaaaa	aaaaagatcc	tggcatctat	ttatgcaact	aaatactttt	1560
cagaaatggt	atataaaagg	ctacagttta	atatctgtat	ttttataaaa	gtatgatgaa	1620
gggtttgggg	tgtttttatt	tgtagcatg				1649

<210> 7400
 <211> 1671
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (41)...(1160)

<223> similar to gi3790610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7400

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cgtagegccc gagtgtcggg gggcttacc ttttcggggc atgatgccgg gaaccgcgct    60
gaaggcgggt ctgctggccg tgctgctggt ggggctgcag accgcgacgg gtcgtctgct    120
gagtgggcag ccagtctgcc ggggagggac acagaggcct tggtataaag tcattttactt    180
ccatgatact tctcgaagac tgaactttga ggaagccaaa gaagcctgca ggagggatgg    240
aggccagcta gtcagcatcg agtctgaaga tgaacagaaa ctgatagaaa agttcattga    300
aaacctcttg ccattctgat gtgacttctg gattgggctc aggaggcgtg aggagaaaca    360
aagcaatagc acagcctgcc aggaccttta tgcttggaact gatggcagca tatcacaatt    420
taggaactgg tatgtggatg agccgtcctg cggcagcgag gtctgcgtgg tcatgtacca    480
tcagccatcg gcacccgctg gcatcggagg cccctacatg ttccagtgga atgatgaccg    540
gtgcaacatg aagaacaatt tcatttgcaa atattctgat gagaaaccag cagttccttc    600
tagagaagct gaagggtgagg aaacagagct gacaacacct gtacttccag aagaaacaca    660
ggaagaagat gccaaaaaaa catttaaaga aagtagagaa gctgccttga atctggccta    720
catcctaate cccagcattc cccttctcct cctccttggt gtcaccacag ttgtatggtg    780
ggtttggtat tgtagaaaaa gaaaacggga gcagccagac cctagcacia agaagcaaca    840
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tgtgaacca tcagaaagtg ggtttgtgac tctgggtgagc gtggagagtg gatttgtgac   1080
caatgacatt tatgagttct cccagacca aatggggagg agtaaggagt ctggatgggt   1140
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agaaatgata agcaaaatcc tcttattttc tataaggaaa atacacagaa ggtctatgaa   1260
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cacgttttgg ctgtatcctt tatcccagcc agtcatccag ctcgacctta tgagaaggta   1380
ccttgcccag gtctggcaca tagtagagtc tcaataaatg tcaattgggt gggtgtatct   1440
aacttttaag ggacagagct ttacctggca gtgataaaga tgggctgtgg agcttgaaaa   1500
accacctctg ttttcttgc tctatacagc agcacatatt atcatacaga cagaaaatcc   1560
agaatctttt caaagccac atatggtagc acaggttggc ctgtgcatcg gcaattctca   1620
tatctgtttt tttcaaagaa taaatcaaa taaagagcag gaaaaaaaaa a           1671
```

<210> 7401

<211> 1991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1882)...(248)

<223> similar to gi671527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7401

```
tttttttttt ttctcaaagt acttagatgt aatcatcgga agcaaaactaa atggaaacct    60
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actgggggct	gccccccaac	ctgatccctt	ctgaacaaa	acgtccacag	tgttcctggc	180
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ctgctcctgt	tccaacatca	tcttctctca	gttctctctg	tcggctgact	atccgggccc	900
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gaattcgggt	gaagtcctcc	tctcgtgtaa	tctcaatgtc	agtctggctt	tctcctttct	1140
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cactgatgtc	gactgggata	cttattttct	ttagggtgct	gatcatatca	tccaatgcct	1500
tgcggttaag	actgatcacc	actgttgggt	gcactctgct	ctccaggaag	tgctcagcta	1560
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cctgggtccg	gctaatttct	atcatggact	tggccgctgg	atgctggact	tgaatctctc	1680
gaagaatggc	attgccatca	ttgggtcatc	caatgcctcc	cattgggtcc	aaaagcatct	1740
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tgatgtttcc	agattgaact	tttcttccgg	attcacgctt	tgtgttctgg	ctgagcacga	1860
gcactggacg	atggcccatc	atggcgacgc	gatgcagagc	cgggtaccca	gagctggggg	1920
aaccggcaga	accttctgga	gagagagaac	cagacagaag	cccagaaaac	gctgcctcct	1980
cagggttac	c					1991

<210> 7402

<211> 1463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1453)...(194)

<223> similar to gi4808241 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7402

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gctgatcgaa	aacctccttt	gacctgtgg	cagcaggcgg	accttggctc	ttctcgtcct	180
taccagagc	tcagggcagt	gccccgtgca	gtcgcgccac	ttccacgaag	gcctccacgc	240

agcgggtcaat	gtcttctctcg	ctatgcaactg	ctgagatctg	tacccggatc	cgggccttgc	300
ccttgggggac	cacggggtag	ctgaaccgga	tgacaaagat	gcctctcttc	agcatgtcat	360
ccgccatgcg	agaggccagc	cgggcatcac	ccagcatcac	agggcagatg	gggtgactgg	420
ctcccagatg	agtgaagcca	gcagcttcca	tcttactacg	gaacctctgg	gtcttggcag	480
ccatagactg	gacaatggtg	ttactcccca	tcagcagatc	tagggccttg	gaggcgagc	540
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gggacaccag	gggcccaggc	cctgtcgtgt	agccccctga	tgctccaccc	agggccttcc	660
ccaggggtgga	gttgatgatg	gtgacctggt	ccatcacacc	cagcagctca	tctgtgcccc	720
gtcctgtggg	ccccaggaag	ccagtggcat	ggcattcatc	catgaagacc	agggcaccat	780
atctagaggc	gaggcagcag	atctcctgca	gggggtgcgat	gtcgccatcc	atggaaaagg	840
ccccatcagt	ggccaccagg	cgcagccgat	gcttctgggc	ctcctgcagc	ttggcttcta	900
ggtcggccat	gtccaggtgg	cgatagcggg	acttgtgggc	cttgacacagc	cggatgccgt	960
cgatgatgga	ggcatggttc	agctcgtccg	acaggactgc	gtcctctggg	gtcagcaggg	1020
cctcaaagag	gccggcggtg	gcgtcataac	agctgggata	gaggatggca	tcctcccgtc	1080
ggtggaagcg	ggctatTTTT	gcttctagat	tcttgtggat	gctctggggt	ccacagataa	1140
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agacgccgtc	cacgcgggatg	tgcgggccct	gacgggacgt	gatgaccgcg	tcactcttcc	1320
aagtgccagc	tccgcagatg	ccttccagct	ccccctccag	aatgccacgc	agctgggcca	1380
gcgctgactg	tgcgcggcgg	ccgcggggga	cccagaagag	tgcggcgcgc	caggcggtcc	1440
caggccacat	cgctcggcac	gag				1463

<210> 7403

<211> 859

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(670)

<223> similar to gi2979568 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7403

ggaattcccc	ggagcctccc	caggccggcc	ctgggccttc	ccccaggaag	agccccacgg	60
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gggccagga	gagtataaag	gcgatgtgga	gggtgcccgg	cacaaccaga	cgcccagtca	180
caggcgagag	ccctgggatg	caccggccag	aggccatgct	gctgctgctc	acgcttgccc	240
tcctgggggg	ccccacctgg	gcagggaaga	tgtatggccc	tggaggaggc	aagtatttca	300
gcaccactga	agactacgac	catgaaatca	cagggtgcg	ggtgtctgta	ggtcttctcc	360
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gtgggaatac	ccaggaagtc	accctgcagc	caggcgaata	catcacaaaa	gtctttgtcg	480
ccttccaagc	tttctcctgg	ggtatggtca	tgtacaccag	caaggaccgc	tatttctatt	540
ttgggaagct	tgatggccag	atctcctctg	cctaccccag	ccaagagggg	cagggtgctgg	600
tgggcatcta	tggccagtat	caactccttg	gcataagag	cattggcttt	gaatggaatt	660
atccactaga	ggagccgacc	actgagccac	cagttaatct	cacatactca	gcaaactcac	720
ccgtgggtcg	ctagggtggg	gtatggggcc	atccgagctg	aggccatctg	ggtgggtggtg	780
gctgatggta	ctggagtaac	tgagtcggga	cgctgaatct	gaatccacca	ataaataaag	840
gttctgcaga	aaaaaaaaaa					859

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<210> 7404
<211> 2210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (199)...(1188)
<223> similar to gi4877999 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7404
tctctagggg ggctagagcg tcctcccgcg ctccagtcgcg ctgcaggtga cggcgcccg 60
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agatctgtgg ccggcggcag ctggtgcggg gggcagctga gagcgagagg tggatcgggg 180
cgggtgtgtg ccagggccat gacgggcaat gccggggagt ggtgcctcat ggaaagcgac 240
cccgggggtc tcaccgagct cattaaagga ttcggttgcc gaggagcca agtagaagaa 300
atatggagtt tagagcctga gaattttgaa aaatttaaagc cagttcatgg gtttaatttt 360
cttttcaagt ggcagccagg agaagaacca gcaggctctg tggttcagga ctcccgactt 420
gacacgatat tttttgctaa gcaggtaatt aataatgctt gtgctactca agccatagt 480
agtgtgttac tgaactgtac ccaccaggat gtccatttag gcgagacatt atcagagttt 540
aaagaatttt cacaaagttt tgatgcagct atgaaaggct tggcactgag caattcagat 600
gtgattcgac aagtacacaa cagtttcgcc agacagcaaa tgtttgaatt tgatacgaag 660
acatcagcaa aagaagaaga tgcttttcac tttgtcagtt atgttcctgt taatgggaga 720
ctgtatgaat tagatggatt aagagaagga ccgattgatt taggtgcatg caatcaagat 780
gattggatca gtgcagtaag gcctgtcata gaaaaaagga tacaaaagta cagtgaagg 840
gaaattcgat ttaatttaaat ggccattgtg tctgacagaa aaatgatata tgagcagaag 900
atagcagagt tacaaagaca acttgacagag gaggaacca tggatacaga tcaaggtaat 960
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gtacagaaat taaaaagata caagattgag aatatcagaa ggaagcataa ttatctgcct 1080
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atatgtacac atttctgctt ctgcacatat tttcatggaa accattatgt ataaagaact 1260
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aatttcagg taagaagaaa ttgtaaatct taaagaatgt tgggtgttact ctcaatggaa 1920
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tttcgtacag cctgcagttt tcaagagcca tatgtaattt gtcacaatt gatttttaaa 2100
aattgatttg ggagttgctt tgtaataatc ttctgcttct aatcttcctt tgcaagtcag 2160
actttaaaag aagactttat aaagcttttt tttttaaagg aagcaacctt 2210

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<210> 7405
 <211> 3745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (823)...(1688)
 <223> similar to gi5420222 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7405

aagagcttct	cggctctagg	ctctggagtc	ccgggagcag	tgaggggcca	cccggggcac	60
aggaaagggc	cgctagggga	gggccgggtg	cactcggggt	gtctgggccg	cgggtctgag	120
ggatgaggag	gggccatggc	cagcgacggg	gccaggaagc	aattctggaa	gcgcagcaac	180
agcaagctcc	cgggcagcat	ccagcacgtg	tatggtgccc	agcaccctcc	ctttgatcca	240
ctgttacatg	gcactttgct	caggtccacg	gccaagatgc	cgaccacacc	agtgaaggcc	300
aagagggtca	gcaccttcca	ggagtttgag	agcaatacca	gcgatgcctg	ggacgctggg	360
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ggcgacctcc	ggctggtgaa	gtcggtcagt	gagagccaca	cgtcctgtcc	tgcagaaagt	600
gccagcgatg	gcgcccctct	gcagagggtc	cagtctctcc	cacactcggc	caccgtcacg	660
ctgggtggca	catctgaccc	cagcactctc	agcagctcag	cgctgagcga	aagagaggcc	720
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gaatacatag	aggcagagga	ggtggacacg	gtggacgtct	ccggcgtgcc	cgcagagggtg	1200
ctgtgcaaca	tcgaggccga	cacctactgg	tgcatgagca	agctgctgga	tggcattcag	1260
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ctgagcagat	ccatctggaa	tgttcggggg	gtgctgtctg	gatgtggtgc	gctaaaaaca	3720
cggaataaag	atcagtgaca	aagcc				3745

<210> 7406

<211> 3420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1205)...(2414)

<223> similar to gi3924603 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7406

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gctggccaag	ggggcggggc	cgctgtgtga	cgtttgagc	ccgccggcca	ggaagccgcg	180
agatgcttga	cgagcgaagc	gcgtgacaga	agagcggttg	gccaacgcag	tggcggcagt	240
cgggtgtaa	aaggcctcgc	gccgctgcgg	gtcctgcgac	cgctcctggc	tgggtgggtg	300
tctcgctgg	ggcggttacc	gccggcttca	gtgggaggtg	cttctcggct	tcctccccct	360
catggcgtag	acacccccgg	cgacccacgt	gggcgtgagg	cgaggaagga	ggggtgttag	420
gccaattct	attttctattg	gctgtcactg	ctgccggcct	ttgtaagggg	gcgctctgat	480
tggctgata	gggtggggcg	tcgaggggtc	ttgagtccta	aggcttctaa	ttggttagat	540
gagataagct	agtgaagcgc	tttcttccga	gagggatttc	gattggtcgg	tcagagaggt	600
tacctgaaa	tccaacaccg	cccaacaccc	ctcccgctcc	ccagtccggg	gacttcgata	660
ggattggaga	aggtttgtgt	tcccgcagcc	ttggtagttg	gcataggcta	aagaaaaggg	720

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cctgggtattt	ctagagcacg	ctttgctttc	accaaacc	aggaggtgac	aggaggagcc	840
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caagacacaa	gtggaactgg	ccacagggca	gctggggcct	aggcgggccc	cccagaagca	1260
cagctttcct	cgaatgttgc	accagagaga	acggggccct	tgccatcggg	gaagcttctc	1320
ccttgagaaa	cagtctcgag	tgatatctca	cttcttgccc	aatgatctgg	gcttcactga	1380
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tggaaccac	ttcctctact	ctagctggtc	tgattacatt	catatctgca	atatctatgg	1620
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tcaggaaaac	acagttcagc	aaagtcttca	gatgcgatcc	tgtggaggag	aaaataccct	3360
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<210> 7407

<211> 996

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (121)...(472)

<223> similar to gi4433387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7407

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atgaagtgga	tgttcaagga	ggaccactcg	ctggaacaca	gatgcgtgga	gtccgcgaag	180
attcgagcga	aatatcccga	caggggtccg	gtgattgtgg	aaaagggtctc	aggctctcag	240
attgttgaca	ttgacaaaacg	gaagtacttg	gttccatctg	atatcactgt	ggctcagttc	300
atgtggatca	tcaggaaaag	gatccagctt	ccttctgaaa	aggcgatctt	cctgtttgtg	360
gataagacag	tcccacagtc	cagcctaact	atgggacagc	tttacgagaa	ggaaaaagat	420
gaagatggat	tcttatatgt	ggcctacagc	ggagagaaca	cttttggtt	ctgagggcca	480
ttgctgggct	aggtgcaccg	taactgcttg	tgtatcttgt	aaatagccag	ccattttcag	540
ttattatacc	agaacctctt	cacatagacc	tattagtgc	tttgtaactg	gatttatctt	600
ttaatatatt	ggaagggtttt	gtttccttag	actagtaa	tatcatacag	agttttat	660
tgagtttttc	tttttggtgca	ttgtcctcat	gcctgtat	tccaggaaac	ttgtccttct	720
ggaaatcata	ttgaatgata	tttctatata	gaagtgaggt	aggtgcggta	ttaaagtga	780
aggggaaggtg	atgcatttat	tctgggttat	gcttgaagt	ttagatggct	aagtattaaa	840
attatccaaa	ttaaatcctt	agcagtcaga	acacttgctt	cactagaata	tgccaactgc	900
caatcatgtt	ggactgagct	aatttgttcc	tctttctgaa	actattaagg	taaataatta	960
acaataaaaa	ttctcttata	aaggccaaaa	aaaaaa			996

<210> 7408

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (196)...(571)

<223> similar to gi4580592 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7408

tacgcagcct	tcggtgcagt	cgctactcgt	gtctcgctac	cagctccccg	ctgccctgcg	60
ctcggcgggc	tggcatccgg	cccgggggaa	agcggaccag	cccttctgca	ggtctgcggg	120
gccaaagtgtc	cggcgggcgc	acctcgtggc	gagaatcggg	agaaggagga	gactacaagg	180
ataggcccg	gagtaatgga	gtccaaagag	aaacgagcag	taaacagtct	cagcatggaa	240
aatgccaacc	aagaaaaatga	agaaaaggag	caagttgcta	ataaagggga	gcccttggcc	300
ctcccttttg	atgctggtga	atactgtgtg	cctagaggaa	atcgtaggcg	gttccgcgtt	360
aggcagccca	tcctgcagta	tagatgggat	atgatgcata	ggcttggaga	accacaggca	420
aggatgagag	aagagaatat	ggaaaggatt	ggggaggagg	tgagacagct	gatggaaaag	480
ctgagggaaa	agcagttgag	tcatagtctg	cgggcagtca	gcactgacce	ccctcaccat	540
gaccatcatg	atgagttttg	ccttatgccc	tgaatcctga	tggtttccct	aaagttatta	600
cggaaacaga	cccctgcttt	cgaatttaca	tgttcatgat	gtgcccttgt	tgtaaacctt	660
tacctgtcac	ttgtttacgt	gggtctccta	ttaccagctt	ctaattgaat	attgtgtttt	720

tgaaccagtc	tgtaagattt	ttgttagcag	aagaatttta	cctattgcat	ggaaagatgc	780
tcattatagt	gaagttaata	aagcaccttt	aaaaagcaaa	aa		822

<210> 7409

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(901)

<223> similar to gil938421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7409

tttcgtccgt	cgggcagcag	cggggctgtc	tatcccggct	gaggaccgcg	ggccagtgcg	60
ggtggctggc	tttgccatta	gcgggggcct	ttcctgagga	cggcgtacgg	agtgtgggga	120
atgaaggatg	gcagcatgcc	gtgcattaaa	agctgttttg	gtagatctca	gtggcacact	180
tcacattgaa	gatgcagctg	tgccaggcgc	acaggaagct	cttaaaaggt	tacgtggtgc	240
ttctgtaatc	attaggtttg	tgaccaatac	aaccaaagag	agcaagcaag	acctgttaga	300
aaggttgaga	aaattggaat	ttgatatctc	tgaagatgaa	atattcacat	ctctgactgc	360
agccagaagt	ttactagagc	ggaaacaagt	cagacccatg	ctgctagtgt	atgatcgggc	420
actacctgat	ttcaaaggaa	tacaaacaag	tgatcctaag	gctgtggtca	tgggattggc	480
accagaacat	tttcattatc	aaattctgaa	tcaagcattc	cggttactcc	tggatggagc	540
acctctgata	gcaatccaca	aagccaggta	ttacaagagg	aaagatggct	tagccctggg	600
gcctggacca	tttgtgactg	ctttagagta	tgccacagat	accaaagcca	cagtcgtggg	660
gaaaccagag	aagacgttct	ttttggaagc	attgcggggc	actggctgtg	aacctgagga	720
ggctgtcatg	ataggagatg	attgcagggg	tgatgttggg	ggggctcaag	atgtcggcat	780
gctgggcatc	ttagtaaaga	ctgggaaata	tcgagcatca	gatgaagaaa	aaattaatcc	840
acctccttac	ttaacttgtg	agagtttccc	tcagtctgtg	gaccacattc	tgcagcacct	900
attgtgaagc	aatgtgtgca	tctgaagcaa	cttgaatgca	agcttcttat	tgtctggaat	960
gaatccctta	ccaactcagt	gccagcatcg	gtagacacca	gtcagtgtct	atcgcttttt	1020
aaccctcttt	tgttgtgcat	taattagaaa	gaaaggattt	gaattgcggc	tagccagtaa	1080
gccttgctaa	tctcttttat	tttgtaactg	aagatgagac	caaagaaaag	ggaaagctga	1140
gattttgtgc	cattcctttt	aaaatattca	tcaggttagg	tggggctgtg	ggggaaaagc	1200
tactacaggg	aagagtgttc	tctgctgtct	cttactgga	aaacagggag	gggggatttc	1260
agactgtgaa	gaaagttgaa	tggtggtttt	taaattataa	agtaatgtat	taaaagggtgc	1320
attaggctgt	agttctaata	ttgagttcaa	ctgtgaaatc	catcagatgt	gccaaatgga	1380
gaagacagaa	agcaacaaag	tgaattgttc	tttagcccaa	gtggtacagt	gaatttgctt	1440
taacagatgt	tgaaaactaa	attttctact	gtattcccag	cacgggtgac	ttctttttct	1500
cttcattagc	cagagatgac	taatttaaat	ttagaaccag	attttaattt	aaattaatat	1560
ttccattaat	aacctattca	ttgcagatac	ctattatact	gtgtaacagt	tgttttgga	1620
attttatgta	aaattaaaa	tatcagtatt	ttacagatgt	tttaattaga	cattgtttatt	1680
aacaggaaac	gtgcagaaac	tagaatcaag	ccttataata	tcttatagac	catgcatttt	1740
tgaagttagt	gtccactagg	gtcctattaa	ctgtacattt	gcaagatttc	attatttttg	1800
cctctgacac	tatgggaaaa	attttttaga	agctattggg	acagattcaa	gcttttatgc	1860
acttggttac	tacagctgta	aaatgaaatc	tcgtcttgta	gcatggatta	ttcttctcat	1920
gttaaaccce	ccaaaataaa	ggggactaaa	taggtaaaaa	aaaa		1964

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<210> 7410
<211> 1987
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (164)...(1044)
<223> similar to gi311632 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7410
atcaagcagg ggcaggggctg ggcgtgcggc gggagatgct gtcggggccgc ggcggcgctt      60
ggcagccagg agctctgcat tgaaggcact ggggtaaagt gaatgccgaa gacagaagat      120
ttggatgata caccactgac tttctttgtt tggaatacac gttatgaacc ctttctggag      180
catgtctaca agctctgtac gcaaacgac tgaaggtgaa gagaagacat taacagggga      240
cgtgaaaacc agtcctccac gaactgcacc aaagaaacag ctgccttcta ttcccaaaaa      300
tgctttgccc ataactaagc ctacatctcc tgccccagca gcacagtcaa caaatggcac      360
gcatgcgtcc tatggaccct tctacctgga atactctctt cttgcagaat ttaccttggt      420
tgtgaagcag aagctaccag gcgtctatgt gcagccatct tatcgctctg cattaatgtg      480
gtttggagta atattcatat ggcatggact ttaccaagat ggcgtattta agtttacagt      540
ttacatccct gataactatc cagatggatga ctgtccacgc ttggtgttcg atattcctgt      600
ctttcacccg ctgattgata ccacctcagg tgagctggat gtgaagagag catttgcaaa      660
atggaggcgg aaccataatc atatttggca ggtattaatg tatgcaagga gagttttcta      720
caagattgat acagcaagcc ccctgaaccc agaggctgca gtactgtatg aaaaagatat      780
tcagcttttt aaaagtaaag ttgttgacag tgtaaggtg tgactgctc gtttgtttga      840
ccaacctaaa atagaagacc cctatgcaat tagcttttct ccatggaatc cttctgtaca      900
tgatgaagcc agagaaaaga tgctgactca gaaaaagaag cctgaagaac agcacaataa      960
aagtgttcat gttgctggcc tgtcatgggt aaagcctggc tcagtacagc ctttcagtaa     1020
agaagagaaa acagtggcga cttaagagat ggtgaatctg gtgcaccatg cactttcctg     1080
ctagactctg gcctagtcca agctgaccaa tggcagagga ctgcctgaag agtaaaactg     1140
tgtgaacaat gactgactgc cagtgttttc catgtatgca taggttctaa cagcagggtt     1200
tggaaacctg tctctaagta atgcattact tctgtcagaa gtgtcttagg gtggttatct     1260
agttcagtac tccaaattat tggggacctt gaggcttaag taagtatttt tctgaatata     1320
atgctaaagg taagttgcat tcatttaaac taatagagca gacagaattc agcactactt     1380
aatagtttat aaatcagtggt tttcagttgt atatatgtta ggaaatggag aggtatagag     1440
agagcagggt ccatagctca gcacttttaa gtggaagatc atttgaatct cagtcttcag     1500
cctgcactga tttgtagcct gcactgtctt actgatttac aaactgaaat cactgagaaa     1560
tgtctttagt tcagtgagaa gaaaccagaa cacttgttcc tagtgttgtg ttgttttttt     1620
taagcaaat acttacttac tgtattttta tggcaggagg gagaaaaagt gttacaacgg     1680
tttctaata agtccggtat ttaaatagata aatgactaat gtgttttagta gagacaaaag     1740
aaaccaataa atgattgttc ttgccaattt atgcaggaaa ctaccctttt ctcaatataa     1800
ccaaacaaag gctaatttat aaatgcttta ttgaaaaata cacttatctt catataaaat     1860
tacagtagca gtatcttgag aagttttata aatatttttg cagaacacta ttctaattga     1920
acaatgtaag ttccatattt ctctcagcaa tatgaaagta ctagtaact tttgttatac     1980
tgattca

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<210> 7411
<211> 3119
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (97)...(2661)
<223> similar to gi5912051 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7411
cgggtctgtaa ttcccggctc gacgatttcg tcgcgctggc ccgggctctc ccgcccgcgc      60
ttcatggctg cacacgagtg ggactggttc caacgcgagg agctcatcgg gcagattagc      120
gacatccgag tgcagaacct gcaagttgag agggaaaatg tgcagaagag gacctttaca      180
cgatggataa atctacatct agaaaagtgc aaccacctc tagaagttaa agattttatc      240
gtcgatatac aagatggcaa aatcctaatt gctttgttag aagtcctgtc tgggcggaat      300
ctgctgcacg aatacaaatt ctcgtcgcac cgtatttttc ggttgaacaa catagcgaat      360
gcacttaagt ttttgggaaga tagcaatgta aaactgggta gcattgatgc agcagaaata      420
gcagatggca acccttcttt gggtcttggg ctgatatgga acataatcct cttcttccag      480
attaaggagc tcacaggcaa cctcagcaga aactctccat cttccagctt ggcccctggc      540
tcagggggca cagactcaga ctcaccttc ccaccacac ccactgcaga gaggagcgtg      600
gcaatatcgg tgaaagacca gaggaaggct atcaaggccc tgttggcgtg ggtgcagagg      660
aaaacgagaa agtatggcgt ggcggtgcag gactttgcgg gcagttggag gagtgggctg      720
gctttcctgg cgggtgatcaa ggccattgac ccagcctgg tgacatgaa acaggccctg      780
gaaaattcca cacgagaaaa tctagagaag gctttcagca tcgcacagga tgccctgcac      840
atccccaggc tcctggagcc agaagacatc atggttgaca caccagacga gcagtctatc      900
atgacttaac tggcacagtt tctagaacgt tttccggagt tgggaagcca agatattttc      960
gattcagata aagaagttcc tatcgaatcc acttttgttc gcatcaaaga aactccttct      1020
gaacaggaga gcaaagtctt cgttctgact gaaaatgggg agcgtacctc cactgttaac      1080
catgaaacca gccaccacc accctccaaa gtctttgtct gtgacaagcc cgagagcatg      1140
aagggaattc gcctggatgg tgtttccagc catgcgctgt cagacagctc caccgagttc      1200
atgcaccaga ttattgacca ggtcctgcaa gggggcccag gtaagaccag cgacatcagt      1260
gagccatctc cagaatctc cattttatca tccagaaagg agaacgggag gtccaactct      1320
tgccgatca agaaaacagt tcactttgag gctgacacct acaaggatcc tttctgcagt      1380
aagaacctgt ccctttgctt tgaaggagc ccaagagtgg caaaggaatc attgaggcag      1440
gatggacatg tcttggcagt tgaggttgct gagggaaaagg aacagaaaca ggaatcctcg      1500
aagattccag aatcctcctc tgacaaggtc gctggtgaca tttttttggt ggagggcaca      1560
aacaataatt ctgagtcttc ttcctgtaat ggtgctttag agagtacagc ccgccacgat      1620
gaagaaagtc actctctttc acccccagga gaaaatactg tgatggccga ttccttccag      1680
atcaagggta acctgatgac tgtagaagct ttagaggagg gagactatth tgaagccatc      1740
ccattaaaag cctcaaaatt taacagcgac ctaatagatt ttgcttctac cagccaggct      1800
ttcaacaaag ttccttcacc tcatgagaca aaacctgacg aggatgctga ggcttttgag      1860
aatcatgctg aaaaactagg taaaaggagt attaaatctg ctcaaaaaa gaaggattcg      1920
ccagagcctc aagttaagat ggacaaacat gaacctcatc aggaactccg agaagaagct      1980
gaaggctgtc cttcagcccc agaagagaca ccagtggata aaaagccaga ggtgcatgaa      2040
aaggccaaga gaaagtcac ccgtcctcat tatgaggaag agggagaaga cgatgacctc      2100
cagggtgtgg gcgaggaatt atcttccagc cccccaagca gctgtgtcag cttggagacc      2160
cttgggagtc acagcgaaga aggcctggat ttcaagccct cccacccct ctcaaagggt      2220
tccgtcatth cccacgacct cttctatttc ccacactatg aggttccctt ggctgcagtt      2280
ttggaggctt atgtagaaga cccggaggat ctaaaaaatg aagaaatgga tctcgaagag      2340
ccagagggct atatgccaga cctggactcc agggaggagg aggccgatgg ctctcagagc      2400
agctccagtt cctcgggtgcc aggagagagc ctccccagtg ccagcgacca ggtgctgtat      2460
ctcagcaggg gtggtgtggg taccacacca gcctcagaac ccgctccact ggccccccat      2520

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gaggaccacc	agcaaagga	gaccaaagag	aatgacccca	tggacagcca	tcagtcccag	2580
gaatcccca	acctggaaaa	catagcaaac	cccctagaag	aaaatgtaac	gaaagaatca	2640
atcagtagta	aaaaaaaagga	aaaaaggaaa	catgtggacc	acgtagaaag	.ttcactat	2700
gtagcaccag	gaagtgttca	atcctcagat	gacctagaag	aagacagtag	cgactacagc	2760
attccttcca	ggactagtca	cagtgactcc	agcatttacc	ttcgacgaca	tactcatagg	2820
tcttcggaat	cggatcattt	tagcctatgt	tcagttgagg	aacgcagcag	atctggatga	2880
cagaagaaac	cgaatattaa	ccaggaaggc	caacagctca	ggagaagcca	tgctactggg	2940
gagccacagc	ccgcagagtg	actccctgac	acagcttgct	cagcagccgg	atatgatgta	3000
ttttattctc	ttcctgtggc	tcttggtgta	ctgcttgctg	ctcttcccac	aactggatgt	3060
tagcaggctc	tgatacgtgt	gtctggataa	taaaaaagac	aggaccctga	aaaaaaaa	3119

<210> 7412

<211> 2445

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (574)...(1057)

<223> similar to gi2911266 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7412

caagctccag	agactacaat	aattcacttg	ccctaggttc	caaagccagc	aagtggaaaa	60
cggagactgg	aattccgccc	gcaggactcc	aaagcctgtg	cagcaacacc	ccactcccc	120
ggcaggatca	ccagcaggac	gcgcgggagc	cagaaagtaa	gatccgtacc	tccaaggctc	180
ccatgggccc	aagcctccgc	atcaacagac	tgggagggat	tacgtggggg	cccagggccg	240
gctctgaggc	gggaaaactt	tctggaggcg	gcggcctcag	gccggagcgg	gcgcacaccg	300
actggagggg	tgggattcag	ggatgtgggt	ggaccgcatt	tccccatctt	ccccgcgcgc	360
cacttctctt	ggtgcaatct	ccacaccccg	cgccggcccg	cctgcaacgc	gccctggcac	420
tcaccgggtg	gcgaaatttc	cccgcctcca	cgtgagagcc	agctccgccc	tgaccgggaa	480
gtccacttcg	agtcgccggc	ccaccctctc	gggttcgggc	ttcttccggg	tcgggcctt	540
ccggcgaacg	cggttaccgt	ggaaaccgcg	gccatggcgg	caccgcggca	aatccccagc	600
cacatagtcg	gcctcaagcc	cagctgctct	acagactcgt	cgttcaccgc	gacgcgggtg	660
cccaccgtgt	ctctcgcgtc	ccgcgagctg	cctgtctcgt	cgtggcaggt	caccgagccg	720
tcaagcaaga	atctgtggga	gcagatctgc	aaggagtatg	aagctgagca	gcctcccttt	780
ccagaaggat	ataaagtcaa	acaggagcct	gtgattacgg	ttgcgccagt	agaggaaatg	840
ctttttcatg	gcttcagtgc	agagcactat	tttccggttt	cccatttcac	catgatctca	900
cgtacaccct	gtcctcaaga	taaatcgga	acaatcaacc	caaaaacatg	ttctcccaaa	960
gaatatttgg	aaactttcat	ctttcctggt	ctgcttcccg	gaatggctag	cctgcttcac	1020
caagcgaaga	aagaaaaatg	ttttgaggtt	cgctgtgatc	ctgagattca	agaactgcgt	1080
cagtggcaga	agaaacttcg	cgaggccaag	cacattcacc	agcaagtcaa	aattttcttg	1140
gccaagcaag	aacaaaaagt	gaaatgcaa	atggaggacg	atgcagtacc	tgacgccaag	1200
atgaaaattc	catcatctta	accatagcta	agacgtatct	ttgcccattc	gagcacaagt	1260
tacctgtgct	aaggaaaatg	tccaaatgat	gctctctctc	ttgtgatttc	tttaacaaga	1320
cttgggaaca	tgtgcaaatg	gaatcttttc	tgtacaagat	aggattcatt	tgcaacaaga	1380
ctttaatgca	aatagtttag	aaaagaaaag	gaccagtctt	cacttttctg	cattatcccc	1440
acatttttatt	cattcatcca	gattacttct	ttcagtgtct	aaaggagtat	ttcttctaca	1500
ccagcttgct	ggtaaaatgg	tacaatgaac	tctagtccca	gaggaataca	gaagtgtctt	1560
tattaccagt	tttcccactt	gtggccgcct	ttgcaaagat	ccatattcta	attttaagtc	1620

cccaacctct	gaatttggtt	ttaagtttac	ctagtgactg	actactctct	ttataaaaaa	1680
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aacaagatga	gacacttaaa	ccccagacag	atgtaacaaa	ggatttttgt	tgtctaagtc	1800
ccaaagtatt	atatagaaag	ttcctgcttt	tatgggtaaa	cttattacct	taatatgttc	1860
tgtggtttgc	tgtaaaccaa	gattctccca	tttaaaatgc	cacagaccga	ccctcaaggc	1920
agatccgaaa	gcctagtagt	tagttgcact	gggttgtttt	gacaagctac	cacacgtctt	1980
aagtaaatag	taaagccttt	atttttgtgt	taagaacagc	attttgaaaa	taaaacctat	2040
ctgccccatgc	tttacagcct	tttaaatttg	taatatttat	atagtcgttt	atggtacata	2100
ttgattgtct	tgaaatttct	ttaacttctt	ttttataagt	atgcaacagt	cagccggggg	2160
aagataaagg	tacattataa	aacacacatt	aatgcattta	ataaatatat	attatctatc	2220
aaaagtgagc	cttagctctt	catcagttta	taaaagcac	ctgctgagaa	ctcctgtaag	2280
ctggtatcat	cattgcatca	ttggattata	aaagccacaa	tgctcccttt	caacttgggg	2340
tttgggcctg	aggcgttcca	actcagccct	tgggcaaccg	agaccaccac	ccgagttcac	2400
ccttgtttca	gtgggtcctg	acgggcatct	gggctaataa	aaaaa		2445

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<210> 7413
<211> 844
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(846)
<223> similar to gi4580011 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7413						
cggacgcgtg	ggggcgcccg	acttagccgg	tggcacgaca	gttgetgcag	ggaatctttt	60
aaacgagagc	gagaaggact	gcgggcagga	ccggcgggct	cctgggggttc	agccgtgccg	120
cctcgttacg	atgaccagtg	tggttaagac	agtgtatagc	ctgcagcccc	cctctgcgct	180
gagcggcggc	cagccggcag	acacacaaac	tcggggccact	tctaagagtc	tcttacctgt	240
taggtccaaa	gaagtcgatg	tttccaaaca	gcttcattca	ggaggtccag	agaatgatgt	300
tacaaaaatc	accaaactga	gacgagagaa	tgggcaaata	aaagctactg	acactgccac	360
cagaaggaat	gtcagaaaag	gctacaaaacc	actgagtaag	caaaaatcag	aggaagagct	420
caaggacaag	aaccagctgt	tagaagccgt	caacaagcag	ttgcaccaga	agttgactga	480
aactcagggg	gagctgaagg	acctgaccca	aaaggtagag	ctgctggaga	agtttcggga	540
caactgtttg	gcaatttttg	agagcaaggg	ccttgatcca	gctttaggcg	gtgagaccct	600
ggcatcacga	caagaatcca	ctactgatca	catggactct	atgttgctgt	tagaaacttt	660
gcaagaggag	ctgaagcttt	ttaacgaaac	agccaaaaag	cagatggagg	agttacaggc	720
cttaaaggta	aagctggaga	tgaaagagga	aagagtcgga	ttcctagaac	agcaaacctt	780
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<210> 7414
<211> 3318
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (296)...(824)

<223> similar to gi4929753 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7414

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<210> 7415

<211> 1612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(1417)

<223> similar to gi3043670 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7415

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tttcaacagc	agcatcaacc	tacgtggtgg	aaatagtaaa	cctatatattt	cataattcta	1500
tgtgtatttt	tattttgaat	aaacagaaag	aaattttggg	tttttaattt	tttttctccc	1560

cgactcaaaa tgccattggt catttaatat tagtagcctc ttaaaaaaaaa aa

1612

<210> 7416

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (217)...(1970)

<223> similar to gi3789797 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7416.

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aaaaaaa						3067

<210> 7417

<211> 2366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2104)...(1424)

<223> similar to gi3676132 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7417

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<210> 7418

<211> 1770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1771)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1533)...(327)

<223> similar to gil707049 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7418

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aatatctgta	ggaatacaat	ttattgtctg	ctcctccact	cagaagtagc	cctgtgtctg	360
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<210> 7419

<211> 4656

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2945)...(2048)

<223> similar to gi5262665 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7419

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tcgcctacat	aaaaaatatt	gcacatttta	ttttgtctcc	agatgtgac	gatgtctaaa	360
ctatatagaa	tttcaaacta	ttttaaggtt	attctgtgaa	atgtcatctt	tataaatatc	420
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4656

<210> 7420

<211> 2731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(732)

<223> similar to gi5578990 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7420

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<210> 7421

<211> 2981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (899)...(1426)

<223> similar to gi3184113 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7421

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<210> 7422

<211> 2831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (220)...(744)

<223> similar to gi2894532 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7422

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gcgtcgggct	gcaagattgg	cccgtccatc	ctcaacagcg	acctggccaa	tttagggggc	120
gagtgcctcc	ggatgctaga	ctctggggcc	gattatctgc	acctggacgt	aatggacggg	180
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ggccaggacc	ctttctttga	catgcacatg	atgggtgcc	agccagaaca	gtgggtaaag	300
ccaatggctg	tagcaggagc	caatcagtac	acctttcatc	tcgaggctac	tgagaacca	360
ggggctttga	ttaaagacat	tcggggagaat	gggatgaagg	ttggccttgc	catcaaacca	420
ggaacctcag	ttgagtattt	ggcaccatgg	gctaatacga	tagatatggc	cttggttatg	480
acagtggaac	cggggttttg	agggcagaaa	ttcatggaag	atatgatgcc	aaaggttcac	540
tggttgagga	cccagttccc	atctttggat	atagaggctc	atgggtggagt	aggtcctgac	600
actgtccata	aatgtgcaga	ggcaggagct	aacatgattg	tgtctggcag	tgctattatg	660
aggagtgaag	accccagatc	tgtgatcaat	ctattaagaa	atgtttgctc	agaagctgct	720
cagaaacggt	ctcttgatcg	gtgaaacat	aaggagccca	gtgttccccg	ttccatggaa	780
tctccccttt	tacttgggaa	aacaggaata	ttgactacca	aatcacaatg	caattgaagc	840

cgtactgctt	ttttgagcag	ttattcattc	cagtgattaa	aactgattgt	gcagaatatt	900
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gaacgttaaa	taatgctgtt	gtgttagctc	tgagtagaaa	ggaaaaagta	aaacctctgt	1440
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aaaatatgtg	tcagctactt	cattcctgta	aatactcttg	ctgtgttata	aatatggcaa	2160
gaaataaaca	tgaccaatat	caatagactt	cttgaggcta	ctataagttt	tgagaaataa	2220
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<210> 7423

<211> 5352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (159)...(1857)

<223> similar to gi4589592 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7423

agaccctggg	gaggtggctg	ctcggagttt	atgagacggg	tgccccacc	ctggcgtgcc	60
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acactcggaa	ggcggtgcca	cagagcttgg	agctgaaagg	aataacaaaa	catgctctta	180

accatcatcc	ccctccagag	aagctggagg	aaatttcccc	caccagtgac	agtcatgaga	240
aagacacaag	ttcccaaagc	aagtctgaca	tcacaagaga	atcatctttt	acatcagccg	300
acactgggaa	ttcactgtct	gcttttccaa	gttatacagg	cgcagggata	tctactgaag	360
gaagctcgga	cttctcctgg	ggatatgggt	aactcgatca	aaatgccact	gaaaaagtcc	420
agacaatggt	cacagccatt	gatgaactct	tgtatgagca	gaagttgagt	gtgcatacca	480
agagtctaca	agaagagtgc	caacagtgga	cagctagctt	tcctcacctc	aggattctag	540
gtaggcagat	aatcactcca	agtgaagggt	atagattgta	tcctagatcc	ccttctgctg	600
tttccgcttc	atatgaaaca	accttgctct	aagaaagaga	ttctactata	tttggtataa	660
ggggaaaaga	gttacatttt	tcattcttct	atgctcataa	agcatcttcc	attgccaaat	720
cctccagctt	ttgttctatg	gaaagagatg	aggaagactc	tataatcgtc	tcagaaggaa	780
taattgagga	atacctagca	ttcgatcaca	tagatataga	agagggattt	catgggaaga	840
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gcatgaaaga	agatgtcctt	gcttatgtgt	ttgacagtgt	atgggtgcaag	gttgtgagct	960
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tgtagtccca	gctactaggg	aggctgaggt	gggaagatgg	cttcagtctg	agagttcagg	5280
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tagaaaaaag	ag					5352

<210> 7424

<211> 1731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1208)...(614)

<223> similar to gi3879344 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7424

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tttatgaagt	gttctaaaaa	accatacaaa	aaccaaagaa	acaagaaaac	aaaccttttc	180
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ctatgtacaa	tatttacaa	ttacagattt	tacaacgaaa	ttatacagtt	aagtctgtcg	360
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aaaacatggt	acacaaat	tccaaagtgc	tgtagctcac	tggtcattt	tatctcaaca	480
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agagacagca	ctttttatac	aacagcagag	gctgttagaa	accttgggtc	tttaaaaccc	600
tataacaatg	cccccttcac	cctccaatcc	tgagacaaca	aatcctgtag	ttccccctca	660
tcacgcgtgt	cagcattctc	ttcttccttt	ttctgcagtt	cttttatggt	caggatttct	720
ttaagtttat	tttttatttc	atcctggcga	ttcogtagct	ttccaccccg	tcggtaacac	780
tctatctgct	catcgatctc	cccaatctgg	cggtccaacc	gtccctcctc	atcctcttcg	840
gcaactatgg	cttcggaaat	agtgttgacc	tgccctcatg	ctttttggaa	ttcgtcccac	900
tctttgtcca	tctgatcttt	tggagcatca	acctttcgta	ctcttgcatc	tacctcaggg	960
tcgtcaaaaa	aaccttcggg	taacgcttcc	gcggtgtttt	ctctcctttc	caccactttt	1020
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ttagtactaa	agaaatcggt	tggcagcaca	ctacttggtt	cctcccgtga	agaggaaact	1140
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gtgctcagac	gctgcttctc	cttcattaac	cgcgcgaatt	cttcctgatt	tatcactcgc	1680
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<210> 7425

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (137)...(885)

<223> similar to gi35865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7425

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caccggctgc	agacctatgg	ccgagcgcgg	ggaactcgac	ttgaccggcg	ccaaacagaa	180
cacaggagtg	tggctagtca	aggttcctaa	atatttgtca	cagcaatggg	ctaaagcctc	240
tggaaagagt	gaagtggga	aactgcggat	tgccaagact	caagggaagga	ctgaggtgtc	300
atttactttg	aatgaggatc	ttgcaaata	tcattgatatt	gggtggaaaac	cagcttcagt	360
cagtgtctct	agagaacatc	cattttgtctt	gcaaagtgtt	ggaggacaga	cattaacagt	420
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tgaggactct	ctacccttgc	cgtatctaag	gagctgaggt	aatacagatc	caaggagaat	1260
tgtatagcaa	gaaaaaaaca	cgtcaactac	agaaactctt	aaaaggaata	aaaacccaaa	1320
gttccttatt	ttgaaattgt	caaagaacaa	agcgggtgtt	ttccttttaa	ccagggtgat	1380
cacgtttcgt	gttcatactc	aacgttaata	aaaggagaga	gtttgtagt	aaaaaaaaaa	1440
aaaa						1444

<210> 7426
 <211> 1957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1958)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1797)...(1142)
 <223> similar to gi285963 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7426	
tttttttttt	ttggatgtgg gcaaacccttg ttttaattgc aaacgactta atttacagca 60
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cccttgcaat	tcaggtagtc aaggtaaaaa ggcatacaa ggaaggcaat cctcattttt 180
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gtcnaccctt	cgtctggagc	ncgncgccc	ctgctgccgg	ctcctccgc	gctccggctn	1920
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<210> 7427

<211> 2380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2215)...(1248)

<223> similar to gi3327176 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7427						
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tctgtgttca	cggccctcc	aggcatggtt	tcttcattta	ggtaggaaca	aaaggccaaa	180
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tccacgggaa	gcgtcctgga	gccaccagc	cgtttcatga	ggtagccctt	ccagtcggtg	2280
aacttggcat	ggatggtccg	tgggggcact	aggatcttgc	tgttgatggc	acaccagcca	2340
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<210> 7428

<211> 5517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (519)...(1815)

<223> similar to gi2130632 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7428

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gactgcacct	gcatccttag	ctcagagcat	ccccggagca	tcttaagagc	tgagcgcagc	360
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gcataatgct	gtaatgctaa	tctacaatat	gtaatgctat	cttgtatgtt	gaatttgtta	5460
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<210> 7429

<211> 928

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (839)...(145)

<223> similar to gi2393722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7429

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<210> 7430

<211> 2812

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2076)...(617)
 <223> similar to gi3970876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7430

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ttcgttgcca	tcattatctt	catcatcact	ggcctcatct	gcttcattgt	cactgtcgct	1020
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agtgttctcg	ttgttgtag	ggttctcttc	gttgtcatca	gtgttcttgt	tattgtcttc	1140
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atcctgtacc	tgcagattgg	tcaagtagcg	gaaaatgtct	tcatacagtc	ggttgatcaa	1860
aattgaaatt	ctgggggtgg	tgaggaatgc	tttgaccag	aagcctggga	tatgtctgat	1920
gatgaggtct	ctgcgtcca	ggaaggtct	tcgcactctg	atgaacttgc	gcttgagacg	1980
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tgccctgcagg	atgctctcca	tcctctcggc	atttctctct	ctgctttccc	tcttcaacct	2100
cctctgcttc	ctcctccgcc	gccgcgcgcg	cctcctgctg	ctcctcatac	tctcccgcct	2160
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gctcgactgt	acaacctgaa	aatcgatttc	caggctcccc	cccaggcctc	caggagtggg	2340
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atcccagccg	ggacactcag	caccgagcgt	gaagtatgcg	cggatccccc	cctcctcgag	2460
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cagcacctgt	gccgcctccg	tttctctctg	gagcctcggg	cgtctgtggg	gtggaggcag	2580
cggcagtcgg	aggagcggcg	gcggcggcgg	cggcgggggc	gggtcgcgct	gtggagactc	2640
ggagctgctc	aggcggcggg	tcttgccggg	aggccctcca	tctgggcggg	ccatggcgac	2700
cgcgttcgta	cagctcaggg	gactcgcact	cgcctctctg	cttttagccg	cgtcgctgcc	2760

gctagtcgca ccggttaagca gagctgagga gactcacgac gaaatcgctcg ac

2812

<210> 7431
<211> 863
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(864)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (264)...(500)
<223> similar to gi200497 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7431
gaggcggcag cgagctagag cccgagtcgc agctccgggc cgcagagcgc tgggcgagcg 60
cgagcgccag ggcaccggca gggcaggcag ctgcgcgcgg ctggagtcac gctatactga 120
aaagacactt catcaagata actctgggag aagcagaaaa ccctgtgcca gggacaggaa 180
agataggaga aagaaagttt atcagaattt tttaaacctg tctcagaaat aacaacatat 240
tttaatcaga gatttatgtt gctatgagga cagattcatc aaaaatgact gacgtggagt 300
ctgggggtcgc caattttgca tcttcagcaa gggcaggccg ccggaatgcc ttaccagaca 360
tccagagttc agctgccaca gacggaacct cagatttgcc cctcaaactg gaggctctct 420
ccgtgaagga agatgcaaaa gagaaagatg aaaaaacaac acaagaccaa ttggaaaagc 480
ctcaaaatga agaaaaatga aggctcataa tctatcaaga gtgctgaatt tctgcatgtt 540
gaaagactta gtggttctgt tttcttgaga catttaatct ggtggtaact gtggtaacat 600
tgacgcccta agcagcatgt gtatattaga taattgtgtt gtgatgctac tcactttgat 660
tgcaatgatg atgtccaagg taagctatta aaagggcagg ttacttccaa atcgcaactgg 720
aagggaagag gttaaggatt aatacatgat cacagaaatg cataccactg ttctgtaaaa 780
ccccaaccaa aattcactgt ttctcttttg ggggatttat tttaggcccc gatggtattt 840
ttttaatttn ccattttttt tgg 863

<210> 7432
<211> 1871
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (171)...(1700)
<223> similar to gi3947678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 7432
cccacgcgtc cgcgcagagg cacgctgttg ccatggcagt gtggtcctgg ctgccgcgga      60
ggcaggtgcc ggggtctcct ttgcctcaat gtgaagagct taaaaagagg aggagaggag      120
aactcccccg gccatctctg tgatcccagc cgccgcattt tacacagaaa atgaatgaaa      180
ataaagatac tgattcaaag aaaagtgaag aatacgaaga tgactttgaa aaggacctgg      240
agtggttaat taatgaaaat gaaaaaagtg atgccagcat aatagagatg gcttgtgaga      300
aggaagagaa tattaaccaa gacttaaaag agaatgagac agtaatggag cacaccaaac      360
ggcattctga tcctgacaaa tctttgcagg atgaggtctc accaagaaga aatgacatca      420
tttctgtacc aggtattcaa cctttggatc ccatatcaga ttcagatagt gaaaactcct      480
tccaggaatc caaactagaa agccagaaag acttggagga ggaagaggat gaggaagtaa      540
ggagatatat tatggagaaa attgtacaag ctaacaagct tctacagaat caagaaccgg      600
tgaatgataa aagggagcga aaacttaagt tcaaggacca gttagttgat ttggaagttc      660
ctccactaga agacactact acttctaaaa attattttga aaacgaaagg aatatgtttg      720
ggaaactgtc acaattatgt atttccaatg attttggaca agaagatgtg ctctgtcac      780
ttactaatgg aagctgtgaa gaaaacaagg ataggacaat actggtagag agagatggaa      840
aatttgaact tctgaattta caagacattg ccagtcaggg gtttttgcct cccattaata      900
atgcaaatag tacagaaaat gaccctcagc agttgttacc cagatcttcc aactcctctg      960
tcagtggcac caagaaagaa gattctacag caaagattca tgctgtcact cactcatcaa     1020
caggagagcc gctggcttat atcgctcagc caccactcaa ccgcaagact tgtccaagct     1080
ctgctgtcaa ctccagatcga agtaaaagga atgggaaatc taatcacagg acacagtctg     1140
cacatatctc accagtgact tcaacatact gtctttcccc tcgacagaaa gaactacaaa     1200
aacaactaga agaaaagaga gaaaaactga aaagagagga agagcgacga aaaatagaag     1260
aagagaaaga aaaaaagaga gagaatgaca tagtatttaa agcgtgggtg caaaagaaaa     1320
gagagcaggt cttagaaatg aggagaattc agcgagcaaa ggaaattgaa gacatgaaca     1380
gtagacagga aaacagagat ccacaacaag cttttcgatt atggcttaaa aaaaagcacg     1440
aagagcagat gaaagaaaga cagacagaag aactaagaaa gcaagaggaa tgtttattct     1500
tccttaaagg aacagaaggc cgggaaaggg cctttaaaca atggttaaga aggaaacgga     1560
tggaaaaaat ggcagagcaa caagctgtca gagagagaac tagacagctc cgactagaag     1620
ctaagcgttc taaacagtta cagcaccacc tatatatgtc agaagccaaa ccttttcggt     1680
ttactgatca ttataactga aagtttctat taaatatttc agtgggcagc tgctatcaaa     1740
attttggata tgattttctt gggctctgtg actttgggtt tattctaaat tatggaaatg     1800
gtattttatc tttattgaca gtgaatttgt ttttttaata ctagaacaaa ataaattttt     1860
ttctcacagt g                                     1871

```

```

<210> 7433
<211> 1093
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (722)...(553)
<223> similar to gill184696 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7433
tttttttttt ttagagttat acattttatt tgagcttcat ctctttggag aaaggggaac      60

```

agggatgaga	ggattaagtt	agagatggtc	tggcacaaaag	cccagagatg	tgggggtgtgt	120
gaagaaggaa	attcatgact	agaatatatg	ctgaagggtga	aatgagggga	gcctggatag	180
ggaattcaga	gataattgtt	ggcatttagt	aatgtgattt	gggagtatga	tcccagccgc	240
agagcaatgg	aagaaggctg	gcaggtagta	ggagtcacag	tcaggaagga	agtactgcta	300
gttcgtatcc	agtctaggtc	tctgggacaa	ttgaccctt	tttgggtagg	aggatttgcc	360
agcattatct	gacccttat	ttctagttca	tctcctagac	atcttcattg	ctgttgcct	420
ctggtgagta	tgaatccata	ggatggcgtc	tcctctccac	tgaccatgtc	cgagtctgag	480
tctgagactg	ggtggaagcc	atagacggat	gatacatagg	ccagtaacgc	tgctgaggaa	540
aagtgtgagc	tcttggccta	gatttggggg	tgggctccat	ctcaggctca	gtctcaggct	600
ggggctccat	ctcggctctg	gtcttgggtc	cggctccagc	cttgggctcc	atttcaggct	660
ccagctcccc	atccaggctc	aggtccagac	ccagcccagc	ctcttgttct	gattccagct	720
ccaaatccaa	ctccgactcc	tcttctacag	gctgttggat	cttgatgaag	cctggactta	780
catttttttg	gcttcctaga	aaactgctgc	tcattttata	tcttgaattg	tcattcttgt	840
ctgtttctga	gtaggtttcc	cgtatcactg	tctcggattc	atcgatgctt	aactcagagg	900
agcctatgac	cttccttgac	aaggcaaaca	gcacggcgtc	gtgaacgctg	aggaacagct	960
gggtcttggg	gatgccagcg	tcaaagaaat	cattcctctc	aaatgccttg	actatggaag	1020
agtgcaccc	tgcaatgagt	atcaaaatgt	tggcggtttg	aaaggcattg	catatccgtc	1080
ttaatacgac	taa					1093

<210> 7434

<211> 1999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1074)...(1219)

<223> similar to gi3335367 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7434

cttagtccgg	ccgctcgcg	tctagaactg	aggtcggcag	tgtgaggagc	tgctatgggtg	60
ctgagtttcc	tggtagagcc	ggccgagctg	aggcggtcgc	ggccatgaag	gcggggtgcc	120
cgtctatgtg	ggcttcgtgc	tgtgggctgc	tgaatgaagt	catgggaact	ggagctgtca	180
ggggccagca	gtcagcattt	gcaggagcca	cgggtccatt	cagattttaca	ccaaaccttg	240
agttttccac	ctaccaccca	gcagctacgg	aagggcccaa	catagtttgt	aaagcctgtg	300
ggctttcatt	ttcagtcttt	aaaaagaagc	atgtttgctg	tgactgcaag	aaggattttt	360
gtccggtttg	ttcagtctta	caagaaaatc	tccgtagatg	ttctacttgt	cacttattac	420
aagagacagc	atttcagcgc	cctcagttaa	tgcgactgaa	ggtgaaggac	ctgcggcagt	480
atctcattct	gagaaatata	cccatagata	cttgctcgtg	gaaagaagac	ttggtggatc	540
tagtactgtg	ccatcatgga	ctaggctctg	aggacgacat	ggacacaagc	agtctgaatt	600
cttcaaggtc	ccagacttct	agctttttta	cacgttcgtt	tttttcaaac	tatacagccc	660
cctctgctac	tatgtcttcg	tttcaggagg	agcttatgga	tggagaccaa	acatccagat	720
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acgacgatga	tgaggatgat	gatgatgaag	aagaaaacgc	agaggatcgg	aaccccgggc	840
tctccaagga	gagagtgaga	gcttcactgt	ctgacttgct	aagccttgat	gatgtggaag	900
gaatgagcgt	gcgccagctg	aaggaaattc	tggctcgga	ttttgtcaac	tattctggct	960
gttgtgaaaa	atgggaactg	gtagagaaag	taaaccgggt	atacaaagag	aatgaagaaa	1020
acaaaaagtc	ctatggcgag	cggctgcagc	tgcaggatga	ggaagacgac	agcctgtgtc	1080
gcatctgcat	ggatgccgtc	atcgactgtg	tcctactgga	gtgtgggcac	atggttacct	1140

gcaccaagtg	cggcaagcgc	atgagtgagt	gtcccatctg	ccggcagtat	gtggtgcgag	1200
ccgtgcacgt	gttcaagtcc	tgaaacaggc	tcccctcacc	aggacagtca	cccccaaact	1260
tgacccccaa	catttcaatg	cacagaaggg	actggaaagt	tatgttcaaa	ggctgaagct	1320
attttaaaac	attattttga	ctactaagtg	gggacagaaa	gatccatcct	gagttgtgga	1380
aacattgggtc	catgccgtga	gcctgtctgc	ctgtggacac	gtgagcttcc	cgggctcagc	1440
tgggctttat	cacacatccc	gtgaacactc	attgaagtca	gcctgtttgc	gccatgtggg	1500
catcagccac	tgctgtcttg	ggaggacact	tatcctgttc	tcttatttcc	ccttcatcct	1560
atttttaact	taaactgctc	agatgtttga	aacttctgtc	ctctttggat	gagatcagtg	1620
tccacaagtg	gccgacatgg	aacatgctga	gcagtggctc	ctctgaatgt	tcactttatt	1680
agtcattgtat	attttaaatg	ctaacatttg	atgaatgtaa	gtttccacat	tggtgctgtt	1740
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cttttattag	aagtgtgtgt	gctaaattcc	ttattaatgt	gtaatcagtt	tacattgttt	1920
tgtatagtga	aggtgtattt	tcagtgtctac	ccgctagctg	attttaactt	taggaataaa	1980
attagtttta	aaaaaaaaa					1999

<210> 7435

<211> 1847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (727)...(1200)

<223> similar to gil335017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7435

ggcacaagcc	tctctctctc	tccctctctc	tctccctctc	tctctctccc	tgtgtcgctt	60
aaacaacagt	cctaactttt	gtgtgttgca	aatataaaag	gcaagccatg	tgacagaggg	120
acagaagaac	aaaagcattt	ggaagtaaca	ggacctcttt	ctagctctca	gaaaagtctg	180
agaagaaagg	agccctgcgt	tcccctaagc	tgtgcagcag	atactgtgat	gatggattgc	240
aagtgc aaag	agtaagacaa	aactccagca	cataaaggac	aatgacaacc	agaaagcttc	300
agcccgatcc	tgccctttcc	ttgaacggga	ctggatccta	ggaggtgaag	ccatttccaa	360
ttttttgtcc	tctgcctccc	tctgctgttc	ttctagagaa	gtttttcctt	acaacaatga	420
gaaaacatgt	actagctgca	tcctttttcta	tgtctctcct	gctggtgata	atgggagata	480
cagacagtaa	aacggacagc	tcattcataa	tggactcgga	ccctcgacgc	tgcatgaggc	540
accactatgt	ggattctatc	agtcacccat	tgtacaagtg	tagctcaaag	atggtgctcc	600
tggccagggtg	cgagggggcac	tgcaagccagg	cgtcacgctc	cgagcctttg	gtgtcgttca	660
gactgtcctc	caagcaacct	ttccgttctc	cctgtcactg	ctgccggccc	cagacttcca	720
agctgaaggc	actgcggctg	cgatgctcag	ggggcatgcg	actcactgcc	acctaccggt	780
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ttaaggcaaa	aaaggatgca	acaattctcc	cgggactctg	catattctag	taataaagac	960
tctacatgct	tgttgacaga	gagagatact	ctgggaactt	ctttgcagtt	cccatctcct	1020
ttctctggta	caatttcttt	tggttcattt	tcagattcag	gcattttccc	ccttggctct	1080
caatgctgtt	tgggtttcca	acaattcagc	attagtggga	aaaagtgggc	cctcatacac	1140
aagcgtgtca	ggctgtcagt	gtttggtgca	cgctggggaa	gaatttactt	tggaaagtag	1200
aaaagcccag	cttttctctg	gacatcttct	gttattgttg	atgttttttt	ttacctgttc	1260
attttgggtct	aagggttgcca	ttgctgctaa	aggttaccga	tttcaaagtc	cagataccaa	1320

gcatgtggat	atgttttagct	acgttttactc	acagccagcgc	aactgacatt	aaaataacta	1380
acaaacagat	tcttttatgt	gatgctggaa	ctcttgacag	ctataattat	tattcagaaa	1440
tgactttttg	aaagtaaaag	cagcataaaag	aattttgtcac	aggaaggctg	tctcagataa	1500
attatggtaa	aattttgtaa	gggagcagac	ttttaaaagac	ttgcacaaat	acggatcctg	1560
cactgactct	ggaaaaggca	tatatgtact	agtggcatgg	agaatgcacc	atactcatgc	1620
atgcaaatta	gacaaccaag	tatgaatcta	tttgtgggtg	tgctatagct	ttagccgtgt	1680
cacgggcac	attctcta	atccacttgt	ccatgtgaaa	catgttgcca	aaatggtggc	1740
ctggcttgct	ttctgaacgt	ttggttcaaa	tgtgttttgg	tcctggaggc	tcaaattttg	1800
agttattccc	acgttttgaa	ataaaaagag	tatattcaaa	aaaaaaa		1847

<210> 7436

<211> 1113

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (526)...(973)

<223> similar to gi2245026 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7436

tttttttttag	ggtagatgt	tttttttttt	tacctatcag	ttttgaaaaa	gttaattaca	60
tttggcaatt	ccccattccc	ttatagttag	gggtctcaag	agctggctcc	tacacataaa	120
gggcttaaaa	cagtggctgg	tacctaggcc	accaatagtc	ttttgcccc	ccaaccggt	180
gacacagccc	ggggccccgc	cgccccctgg	cggccattac	ggattttccgc	ctccctcaca	240
gaaggcagtc	actgcaacgt	gcgtggcctc	agttgcgtca	tatccggccc	ttgcgatcag	300
ggcttgagga	acccgcgcca	tgaagtgcgt	gtttgttacc	gtagggacca	ccagctttga	360
cgacctcatt	gcgtgtgtgt	cggcgccga	cagtctgcaa	gtgagtgagg	gaggcgagca	420
ggcggcggct	tggctcgcca	cccgccatct	ccggccatac	tgccagccgc	gttagccttg	480
cctgaccgtc	gcgctcgga	agaaaccccc	gcaactctac	cacagaaaat	cgagagcctt	540
ggttacaacc	gacttatcct	gcaaattggg	agaggaacgg	tggtacctga	acccttcagt	600
actgagtcgt	ttactctgga	tgtttacagg	tacaaggatt	ccttgaaaga	agacattcag	660
aaagcagatc	ttgttattag	tcacgcaggt	gcaggaagct	gtttggagac	tctggaaaaa	720
ggaaagccac	tcgtagtggg	tataaacgaa	aagttgatga	acaatcatca	gctggaactg	780
gcaaagcagc	tagcacaaag	agggatcatct	cttctattgt	acctgcagtt	cttccttgag	840
acactagaag	cttgccaaag	ggccagcacg	cttcctgggc	tggtacagtc	aatggactta	900
tcaacactga	aatgttatcc	tcctggccag	ccagaaaaat	tttctgcatt	tttggataaa	960
gttgttggat	tacaaaaata	aacactaaac	tctcaacact	ttaaaagcaa	cccccaaat	1020
caacctatgt	aatgtgatta	aatcaaatta	aatacataat	atatattttac	aaaataatat	1080
aattaataaa	cttcctacat	ctatagaaaa	aaa			1113

<210> 7437

<211> 2608

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (115)...(746)
 <223> similar to gil651199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7437
cagagggctg ccgccgctc tccaagttct tgtggccccc gcggtgcgga gtatggggcg      60
ctgatggcca tggagggcta ctggcgcttc ctggcgctgc tggggtcggc actgctcgtc      120
ggcttcctgt cgggtgatctt cgccctcgtc tgggtcctcc actaccgaga ggggcttggc      180
tgggatggga gcgcactaga gtttaactgg caccagtgcc tcatggtcac cggttcgctc      240
ttcatccagg gcatcgccat catcgtctac agactgccgt ggacctggaa atgcagcaag      300
ctcctgatga aatccatcca tgcagggtta aatgcagttg ctgccattct tgcaattatc      360
tctgtggtgg ccgtgtttga gaaccacaat gttaacaata tagccaatat gtacagtctg      420
cacagctggg ttggactgat agctgtcata tgctatttgt tacagcttct ttcaggtttt      480
tcagtctttc tgcttccatg ggctccgctt tctctccgag catttctcat gcccatacat      540
gtttattctg gaattgtcat ctttgggaaca gtgattgcaa cagcacttat gggattgaca      600
gagaaactga ttttttcctt gagagatcct gcatacagta cattcccgcc agaagggtgtt      660
ttcgtaaata cgcttggcct tctgatcctg gtgttcgggg ccctcatttt ttggatagtc      720
accagaccgc aatggaaacg tcctaaggag ccaaattcta ccattcttca tccaaatgga      780
ggcactgaac agggagcaag aggttccatg ccagcctact ctggcaacaa catggacaaa      840
tcagattcag agttaaacaa tgaagtagca gcaaggaaaa gaaacttagc tctggatgag      900
gctgggcaga gatctaccat gtaaaatggt gtagagatag agccatataa cgtcacgttt      960
caaaactagc tctacagttt tgcttctcct attagccata tgataattgg gctatgtagt     1020
atcaatattt actttaatca caaaggatgg tttcttgaaa taatttgtat tgattgaggc     1080
ctatgaactg acctgaattg gaaaggatgt gattaatata aataatagca gatataaatt     1140
gtggttatgt tacctttatc ttgttgagga ccacaacatt agcacggtgc cttgtgcaga     1200
atagatactc aatatgtgaa tatgtgtcta ctagtagtta attggataaa ctggcagcat     1260
ccctggcctg ttgtcatgca gtcatttctt gtttaattctg ggagacaatg atttcacaac     1320
tagcgggaag cagtcctaaa agtttaaaat ccgataagga atatctggga cagggttttag     1380
atcatgactc tacacagata ccatgatgag agtatattaa agaaatttag gaaagcacct     1440
ggttcctttc tccccatgcc tgcttcttgc tccctcccca gctgggtttgg gctcaaattg     1500
tccctggaga ctagggttta tgttagggtta ttgatagatt agagcagggtg gttgaagaga     1560
tcttctctgg tcagacttgg aagaatttcc aaaactgaag ttagcccca gacttcccta     1620
gggttgatgt actttatgat ccagatgcta aacttcttag aatgaaaata tgcttcaaca     1680
cttaagtagc atacactgcc ctacaaacct cagagagcac ttttcccca gttcttgttt     1740
ttatttttga aagtactcac acagcactta ctatgctcca aacactcctc taagcacttt     1800
acacatatta gctcattcag tccccagaca gacgggatga agtaggtatt gttactgttc     1860
ccattttaca ggtgagagat ttgaagcctg gggaggctag taactcacc caaggtcaca     1920
cggctcatac atggtgggac tgagactcag atgcaggcag tctggcacct cagtctggat     1980
tctaaccatt tcactaagct atttttgtct tgtactactt tgaccacccc ctgaataaac     2040
ctcaattgct ggagtggggt gtagttatta aagggatgct ttttaccttt tgctgtctgc     2100
tgtggcagat tccccagata accaaggaaa aggggccacc catacctgga aataggccat     2160
agggccccta ctactgcaa caagccatgg cctacctgta cacttgtttg atcttaaaat     2220
tgtgtcttgg taacaaaaga tttggacagg catatctgta gctttcaagt taattaaattg     2280
caatattttt ttcttcagga ttttagctgc tgaacaactt tcagtttgga gctaaaagag     2340
acctgtctca tggctctgcc ttcctgggg caatagctag ggtctttcct gatttttatg     2400
gaatttttag ggatattttg agctttgggt tctcagtagt gaattgagac ttggaggtga     2460
cttttcatgt ttggagtatc atctctgtct gggatctggg ctgacaaatt aaaacctaga     2520
gtagtgctta tgctgaaatg atacttttca ttttttgggt gatttttttg ccttcccttc     2580
aattttaaac tgaagcattt taatatgg                                     2608
  
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<210> 7438
 <211> 2012
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1515)...(925)
 <223> similar to gi5901655 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7438
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 cccatataca caataccact agcctatctg tcaggetatc tggcctttgc ttggttcctg 180
 atggagctgt ctggagacag ctccctctgt aaaaatcccg acttaaacac aggggacaga 240
 agaaaggggg gacctaggtc agatcataaa ctgacaggct cccagcgtcc ttagggagtg 300
 ctaatgtgga aactttgaga acgtgctgga cacatctggg cagagggcag aaggcactgt 360
 ttgtttttat gtggttgatg gataaattcc atatggggat ataagacctg tatatcacc 420
 ctttttaggc ccaggcatgt ggaagcacag tggggttagc tactgggttt cattaacca 480
 aaccatgcgg catggtttgg gagccatggg aatcgggagc ccagagtagg aacctgggtg 540
 atgggggagg tccccagaga aaagtaaccc ttgcattcac tgcaagtaag atacaacgtg 600
 aaatgttaag tcccccttta tgtgttttgc acattctata gttgcaaac acatagaatg 660
 tgcaacattt tcatcaagat agaaaaggta aagaaagcaa aactagtatt ttggcctaac 720
 acaaccaagc atgatttgcc aattgcgcta tcctgtggag aaatctacca ctacactatc 780
 caggaatct gtggtcagtc ctacccccg caccctctaa cattttactt gcactaaatc 840
 tgagttcagc taaagtaatg tatcctggaa tcagagaagc cctaggggtg gggacaaaac 900
 aaggatgggc cagtactggc atctcaggtc caggtgactt cctggctgtc ctggggaagc 960
 tcgttgttga aactgctctc tccaaatggt gagtaaggag ggacctgggg agcttcgatg 1020
 atcagcagac cctctgggga aagtgaggca aatactgtca caggatccac ctctgcagga 1080
 agctggattt tctttgtgaa gttcttagaa acaatgccac cttcttgctg tttctcttca 1140
 tgtttgccag acacctccac gtatccatct ttggtcttca ccatcaactc ctctggcttg 1200
 aagctgtgca cattcacaca cactttccag ggctccccag ggaagggtgg gggggctcctg 1260
 cctcggcag gcaccccaa cctggcggtg gcagtggggc cccggggcac catgcccagc 1320
 cttaggtgct ctggccaggc ggaggagaga cgaggcagag cccagtcggg ccaagaggct 1380
 gtcaagtcgt ctgggaaggg gtccatgcca aagccatcat ccagcaggcg agaggagagg 1440
 ggagagtcct gaaaggggtc tcggcgaggc cggcttgggt agtggcagga gaagggcatc 1500
 tgaccgtcag ccatggtggc tgctcagctc agagagaaac agaggctcag agagacagaa 1560
 ccacctgccc aaggtcacac aacaagggtg tgtggctggg ctagcttatt cttcagcttc 1620
 cgaaaatgct gcttttctgc agggagaagc agaaccaacc actgccaggg acggttgtgt 1680
 cccctcgact ggggtcccag ccccaaagg taacccccg ggcagatcca gcagaatccc 1740
 agagggtccc cgtccgcact gcctcacgac agaccggcaa gccaccgtcc tcccaggctt 1800
 cccaggctgc ccaggctggc agccagaacc gctgaggtct agagcggagc caggagctta 1860
 ataaaccag ggcacgcgcg cctagaaact tcttctggct ccttctgggc tgcaagcctt 1920
 ctattttatt gctgctggag gctggaggcg ggttttgcaa gcgtctcctg tcacaggaat 1980
 attcggaggt gatgaaccag ccccgacga aa 2012

<210> 7439
 <211> 1409
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (267)...(971)
 <223> similar to gi3860903 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7439

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gctgggcagc	cgtccccttc	ggtccccacc	gtggcctcag	cgtgctgctt	gcacggatac	180
ctcagcgggc	gccacggtgg	ctcccagctt	gtagacaaaa	gacgtcactc	tcattcctta	240
atcgaccaga	ccttccaaac	ctggcttata	agaagctaaa	aggcaaaagt	ccaggaatta	300
tcttcatccc	tggctatctt	tcttatatga	atggtacaaa	agcgttggcg	attgaggagt	360
tttgcaaadc	tctaggtcac	gcctgcataa	ggtttgatta	ctcaggagtt	ggaagttcag	420
atggtaaetc	agaggaaaag	acactgggga	aatggagaaa	agatgttctt	tctataattg	480
atgacttagc	tgatgggcca	cagattcttg	ttggatctag	ccttggaggg	tggcttatgc	540
ttcatgctgc	aattgcacga	ccagagaagg	tcgtggctct	tattggtgta	gctacagctg	600
cagatacctt	agtgacaaa	tttaatcagc	ttcctgttga	gctaaaaaag	gaagtagaga	660
tgaagagtg	gtggagcatg	ccatcaaaat	actctgaaga	aggagtttat	aacgttcagt	720
acagtttcat	taaagaagct	gaacatcact	gcttggtaca	tagcccaatt	cctgtgaact	780
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accgaatgag	ggaaaaagca	gacattcaac	ttcttgttta	cactattgat	gacttaattg	960
ataagctctc	aactatagtt	aactagtatc	acatgttttag	ttggtatgta	aactaatgta	1020
tccacgaaga	ttggaagagg	gataagaaat	gaaagatcct	gatacttta	ggtttttccc	1080
tttctctat	tttgtaaata	taagatgagt	attattttaat	gatgtatttg	cataagtaat	1140
gcaaattgtg	aagaaggacc	agctgctgtt	tagaaaattt	tctccttcct	tctgtccttg	1200
atTTTTTTTc	cattaaagta	tttctttttt	ttaatccaag	aaaagtttac	ctttcttatg	1260
cttatgttag	ctatgccagc	tcttaattgc	atccttttct	aattaggatt	attaataaag	1320
cgcgatatt	ttgtttttta	ttatagacag	aaattggtgc	cattacttgt	gattaaaaaa	1380
tgcaattcac	aaaatatagg	gactgtatt				1409

<210> 7440
 <211> 2208
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2209)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (512)...(794)

<223> similar to gi3885931 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7440

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ggtatgcggc	gcaggatgag	cctcagggct	tctgttaaga	gtctgtctga	gaaagccggt	180
ctgcgtgtt	cctcggtggc	gaccttaatt	atgagatgag	ctaattgctt	actgacttaa	240
ccatggcgca	gcgggcagtg	tggctcataa	gccacgaacc	gggaactcca	ctttgtggca	300
ccgtgagatt	ctccagacgg	tatccaactg	ttgaaaaacg	agccagagtc	ttcaatggag	360
caagttatgt	gcctgttcct	gaagatggtc	cctttcttaa	agcactggtc	ctttgaactt	420
aggattattt	ggatgattga	taaagacttc	gttgagagtc	gtgatagctg	ttcacgcctc	480
aataaaacat	ccatttatgg	actcctgata	ggagtgtgat	ttggaaggaa	tcatgccaaa	540
tgttaccatc	agcttgagtc	tccccaccaa	tggatctcca	cttcaggata	ttctagttca	600
cccttgtgta	acttctcttg	actctgcaat	tctgacttct	agtagtattg	atgcaatgga	660
tgactctgca	tttagtgggc	cttacaaatt	tccattcact	ccaccttag	agtcattcaa	720
cttatgcttc	tacacttccc	aggtccctgt	cccaccaatt	ttgggttttt	atcaaataaa	780
ggaggaagaa	gtacaactaa	ggaataacca	ttaattttaa	acttcatgga	aagtgtggaa	840
aaataatttt	ggaattctgt	ggaagcccat	ataccttttt	tacaattaga	ggtcccatta	900
cacatttgga	atacaaaact	agttttggcc	agcttgaagt	atttcgagag	aaaagcttat	960
tgatctggat	tattggccag	aagttcccaa	aatcaatgga	aattagtctt	tctggaactg	1020
taacttttgg	agccaagagc	catgagaagc	agccatttga	cccaatttgt	actggagaaa	1080
cagcatattt	aaagcttcat	tttaggatct	tagattacac	acttactgga	tgttatgcag	1140
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cattattatt	gtaatagtct	catgtttaaa	tgggattata	taatgataac	agtttaaaga	1320
aaatcataat	cttatatttt	taatgtggat	gcatataacc	tgtgagtga	aaatcactga	1380
atgatttaat	tgtaaaagta	gtcttatgtg	gtgtttgtag	tctgatagag	cttgaaagga	1440
catttttaaa	gctaattgtc	ccaattttgt	taaccttcga	ttttatgcca	gtataattca	1500
gaacatagaa	aagtaatgat	tcaactgggc	tcattttaga	ctggctcctg	gtcacccctg	1560
cacacttggt	tcctagtgtt	tctgtggcag	acattgctaa	tcaattacag	cccttttctg	1620
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ctcttcaaaa	aacagccaac	agagacaaag	gaaaagtgtt	taaatagtaa	gctgttcttc	1860
ttaatcgaa	ctatcctatt	gactaataaa	taatctgcat	aattctactt	aagggtgtgt	1920
atctctgttc	tagagttagt	ttttaagtaa	gcttggtaat	ctgccacttt	gacattttgc	1980
ttaggatgtc	agtagccata	ttaagatgtg	tagaatacct	tcagaagatg	atcatagtgt	2040
tttgtaatca	tttaatgtct	gcagccaaat	ttttaaaggt	aatttagacc	taatactgct	2100
cttgctgtgt	cttattaagt	taaaattaat	gaatgaattc	tggggaaaaa	tttcaaaagg	2160
gcactctgtg	gggtaggagg	agtatccant	taaggcctta	tttttagg		2208

<210> 7441

<211> 2249

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(1376)

<223> similar to gi5809682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7441
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aagggatgga agcgtttttg aagactgttg cccaaaacta cagttctgtc actcacttac      180
acagtattgg gaaatctgtg aaaggtagaa acctgtgggt tcttggtgtg gggcggtttc      240
caaaggaaca cagaattggg attccagagt tcaaatacgt ggcaaataat catggagatg      300
agactgttgg gcgggagctg ctgctccatc tgattgacta tctcgtaacc agtgaaggca      360
aagaccctga aatcacaaat ctgatcaata gtaccgggat acacatcatg ccttccatga      420
acccagatgg atttgaagcc gtcaaaaagc ctgactgtta ttacagcatc ggaagggaaa      480
attataacca gtatgacttg aatcgaaatt tccccgatgc ttttgaatat aataatgtct      540
caaggcagcc tgaaactgtg gcagtcatga agtggtgaa aacagagacg tttgtcctct      600
ctgcaaacct ccatggtggt gccctcgtgg ccagttaccc atttgataat ggtgttcaag      660
caactggggc attatactcc cgaagcttaa cgcctgatga tgatgttttt caatatcttg      720
cacataccta tgcttcaaga aatcccaaca tgaagaaagg agacgagtgt aaaaacaaaa      780
tgaactttcc taatggtgtt acaaattgat actcttggtg tccactccaa ggtggaatgc      840
aagattacaa ctacatctgg gccagtggtt ttgaaattac gttggagctg tcatgctgta      900
aatatcctcg tgaggagaag cttccatcct tttggaataa taacaaagcc tcattaattg      960
aatatataaa gcaggtgcac ctaggtgtaa agggtcaagt ttttgatcag aatggaaatc     1020
cattacccaa tgtaattgtg gaagtccaag acagaaaaca tatctgcccc tatagaacca     1080
acaaaattgg agagtattat ctcttctctt tgccctgggtc ttatataata aatgttacag     1140
tccctggaca tgatccacac atcacaaagg tgattattcc ggagaaatcc cagaattca     1200
gtgctcttaa aaaggatatt ctacttccat tccaagggca attggattct atccagtat     1260
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gcaaccctaa ctcaactctg tgggaccttg actggagaaa ctccacgatc ttctgaaga     1500
agagaaatgg atgtttccaa attccacaat aagcaatatg tggtgataat gaaaagaatg     1560
attcagtcct gacggtgaat ggaagacact tacctaacaa gtactgctca tttacactca     1620
aattaatctt gaagtagtct taaaatgtgt aagaagttaa aacttgagaa gcaaaaaaat     1680
gcctgcaaaa agaagatcat tttgtataca gagaaccgga tgaatataag caatgaagat     1740
gaacatttat tgatcttcta catacaagac ttcaccataa ggccaggagc agtggtcac     1800
accttgtaat cccagcactt tgggaggcca aggtgggcgg atcaccttga ggtcaggagt     1860
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gtggcgggca cctgtaatcg cagcctttca ggaggtgag acaggagaat cgcttgaacc     1980
ctagaggcgg agtttgcatg gagccgatg agtgccattg tactccagct tgggcaacag     2040
agtaagactc tgtctcaaaa aaaaaaaacc aaaaccaacc acccaaaaaa acccctccc     2100
ctggggggct cctggggaaa aaatttaagg ggccatattt attagttcc caaaaaaggg     2160
ggaaatggtc cttaggcggg gaattggttt tgcaaccgtt ctaggaaatg ggggaaaaaa     2220
ttttgacccc cttcttatgg gcccgaggaa                                     2249

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<210> 7442

<211> 2222

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (253)...(693)

<223> similar to gi5788103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7442

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gccgcccctt	cctgctggag	ccagcgaggg	gtgcctgcag	ccgggacccc	ttcctctccg	180
cgtctcctcg	tctccgcgcg	agccgctccc	tcggcggggc	cgtggggagc	gtggcgtcag	240
ggggcccgcg	cggcgagtc	ccccttcagc	atcccgaaca	gcagcagcgt	cccgtacggc	300
tcgcaggact	cgggtgcacag	cagccctgag	gacggcgggc	gcggccggga	ccggccggtg	360
ggcgggagcc	ccggcgggcc	gcgcctggtg	atcggtcct	taccagctca	cctctcgccg	420
cacatgtttg	gaggatttaa	gtgcctgtga	tgctcaaaat	ttgtatcctc	agatgaaatg	480
gatttgcac	ttgtaatgtg	tttaacaaag	ccacgaataa	cctataatga	ggatgtactg	540
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aatagatcct	gccctgagca	cccttcagat	taagcgtcag	cttcctgttt	tatagggttt	720
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atagtcac	acataggtaa	tactgataaa	cattttgtat	tcagacgcc	aagttaactg	1020
atttaaaagt	tgatttactt	tttattaagt	tctccagagc	tgcaacta	gttatgtttt	1080
gatttgtttt	gtttttta	ttggggctct	tttgttttcc	ccaacataat	gttcataatg	1140
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atctcaagtt	cttccatttt	ctccccacg	agtggaaaat	agacttctac	ataggaaagc	1320
taaaatatgt	taatattttt	aaattaaagg	tttaatatca	gaatgcagtc	caaagagcaa	1380
atcatattac	ataattacat	tttaattaaa	tatagaatat	tctactgaat	tgcaatttat	1440
taaatattct	tatcctctta	aataaaaactg	ctcaacagtt	aatcagcagt	gaatcatctt	1500
gcagctatgc	aatttaaaaa	aaatacagat	taccaatttc	aagtgtctgcc	agctaaaata	1560
actgttttaa	cgggtatctt	ttgtttgttc	ttttcactta	attattttat	tgtgctttgc	1620
atctccaggc	agttctctca	catttggtga	aaatgttttag	caggctgtaa	acttaagaaa	1680
agggtaaaat	aaaattttct	ggagaggaac	ttggaatttg	aggagattt	tatatacctt	1740
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ttttttta	atcaaaaata	tcgataagta	ggttttgtgt	tttcaacgta	gggaaaatgt	2100
tatcagtgaa	taggtggcgt	actttacttg	gtataattta	aaggtgcaca	gtaagtactg	2160
attcccttat	tttaatcttt	ctttactcat	aatgtattta	agaatttgct	gtttttattta	2220
ac						2222

<210> 7443

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (989)...(190)
 <223> similar to gi3217034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7443

aatgagaccc	tgtagacatt	agtcagtgcg	gtggaattct	gccatctcat	cttcccccta	60
aaaacccttt	tatgtacacc	tgcgagaga	agagggctgc	ctggcctccc	tgggccgctg	120
gtacagatca	cacacacaca	cagattaaac	gcagcccggt	taatgatggg	gcccagactg	180
cagtggctca	agacaggaca	ctgcggaaag	ccgccatgtg	ccgccgcaca	ctgtctgaga	240
tctgctcagc	cgatctgctc	cggccgtagt	aatccgtgaa	gaggccgtca	gggttgagca	300
ggtagatggc	aatggagtgg	tccacgatgt	agtccctggc	ctcatccttg	gggccggcat	360
tgtagtacac	gcggttaactg	tgactagcct	gggcaacctg	tttgggtggag	ccggtcagac	420
ccaacagtct	tgggtggaag	tccctggacgt	agcggggccat	ggcttcaacg	tcgccccgct	480
cgggggtccac	agtgatgaag	acaggctgca	ctggaggcaa	accaggctct	gcttccagct	540
gccgcaccac	ctgcaccagc	ttctccagct	cgtctgggca	gatgtcaggg	cagtgagtga	600
agccaaagta	catcagcacc	caactggcccc	ggaagtcagc	cttgccagcga	gccccggcctc	660
tgtgatccag	caggtggaag	tcgccctggc	ccacagctgc	ctggcgagag	gcttctgttc	720
gcttttgctg	ctgcagcctc	tccttctcag	ccctcagggc	cagccaggcc	ccaccgagtc	780
cagccccgaa	caggcctgtg	atcagcagcc	gggttcgaag	cccagggcc	tggggctggc	840
cctgcccacc	tgtctctgca	gggccctgcc	ttgacaaaag	ccaggacctc	agatgcaggg	900
cctggcctcc	cagggctcca	gggaggaccg	gaggcttgag	ctgagagagc	ctgtgccaaag	960
ctgtggggct	ccgagtcagc	agcagcatgg	atctgatgct	cctggaaaca	agcacaggcg	1020
tcaggagcca	gaagggaagg	cccaggacag	tgccctgggt	gccccctgcga	cttgagacca	1080
gccaccatc	tgaaggaccc	agcccacgtt	caggcttaac	aggcatttgc	agctgctcac	1140
ctgagctcag	aactccacct	ccaccaaaaca	tccacacctg	ggcaaccaca	cctgtcactc	1200
ctgtcctcta	cctgggatca	ccagcctgtc	accgcaccct	gccctgcacc	tgcacctcag	1260
caaggatgaac	ctcttgctga	cggaaagcat	tccaagtgca	tgcccttgct	gaactaacca	1320
cgttatctat	ttgcaataaa	cccatttctt	aaaaggaaaa	aaaaaa		1366

<210> 7444
 <211> 1570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (700)...(1010)
 <223> similar to gi4756912 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7444

cgacccacgc	gtccgggggc	cgcggcgggc	cgggtgctcc	gggccgaggc	cgcgtctggc	60
tcttgctgat	tgaattcctt	tggtgcagtt	tagcatgttc	ctctgtgttc	tgcattctct	120
gtagtgaat	gttcaagctc	agaaatgcct	tatgtggatc	gtcagaatcg	catttggtgt	180
tttctagaca	ttgaagaaaa	tgaaaacagt	gggaaatttc	ttcgaaggta	cttcatactg	240
gataccagag	aagatagttt	cgtgtggtac	atggataatc	cacagaacct	accttctgga	300

tcatacagtg	ttggagccat	taagcttacc	tacatttcaa	aggtttagcga	tgctactaag	360
ctaaggccaa	aggcggagtt	ctgttttgtt	atgaatgcag	gaatgaggaa	gtacttccta	420
caagccaatg	atcagcagga	cctagtggaa	tgggtaaatg	tgtaaaca	agctataaaa	480
attacagtac	caaagcagtc	agactcacag	cctaattctg	ataacctaag	tcgccatggt	540
gaatgtggga	aaaagcaagt	gtcttacaga	actgatattg	ttggtggcgt	acccatcatt	600
actcccactc	agaaagaaga	agtaaataga	tgtggtgaaa	gtattgacag	aaataatctg	660
aaacggtcac	aaagccatct	tccttacttt	actcctaaac	cacctcaaga	tagtgcggtt	720
atcaaagctg	gatatttgtg	aaaacaagga	gcagtgatga	aaaactggaa	gagaagatat	780
tttcaattgg	atgaaaacac	aataggctac	ttcaaactcg	aactggaaaa	ggaacctctt	840
cgcgtaatac	cacttaaaga	ggttcataaa	gtccaggaat	gtaagcaaag	cgacataatg	900
atgagggaca	acctctttga	aattgtaaca	acgtctcgaa	ctttctatgt	gcaggctgat	960
agccctgaag	agatgcacag	ttggattaaa	gcagtctctg	gcgccattgt	agcacagcgg	1020
ggccccggca	gatctgcgtc	ttctgagcat	ccccccggtc	cttcagaatc	caaacacgct	1080
ttccgtccta	ccaacgcagc	cgccgccacc	tcacattcca	cagcctctcg	cagcaactct	1140
ttggtctcaa	cctttaccat	ggagaagcga	ggattttacg	agtctcttgc	caaggtcaag	1200
ccagggaact	tcaaggtcca	gactgtctct	ccaagagaac	cagcttccaa	agtgactgaa	1260
caagctctgt	taagacctca	aagtaaaaat	ggccctcagg	aaaaagattg	tgacctagta	1320
gacttggacg	atgcgagcct	tccggtcagt	gacgtgtgag	gccagaaagc	gcacgggagc	1380
ctggcctgcc	ttttgccgtt	cctcagtttt	ccttttcatg	gaggcttcta	gccaaagatg	1440
ataaaggggg	aaatggtttt	tagtgcgtag	attatactgc	ctcttaggtg	tactctttat	1500
aagctggtaa	accaagaatc	tagggagtgg	ccaaactaaa	tataatttct	ttaaaaaaga	1560
aagaaaaagg						1570

<210> 7445

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (129)...(341)

<223> similar to gil209724 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7445

attctttccc	caagtctcta	tggtagcgtc	agcgtcggag	gcggtagtga	cgggtggcgtt	60
tccttgagga	agagtgaggg	ttccaacttt	tctgcttata	tgggaggtgt	tgggcgcgga	120
cagtcgagat	gtcagagaaa	aagcagccgg	tagacttagg	tctgttagag	gaagacgacg	180
agtttgaaga	gttccctgcc	gaagactggg	ctggccttaga	tgaagatgaa	gatgcacatg	240
tctgggagga	taattgggat	gatgacaatg	tagaggatga	cttctcta	cagttacgag	300
ctgaactaga	gaaacatggg	tataagatgg	agacttcata	gcatccagaa	gaagtgttga	360
agtaacctaa	acttgacctg	cttaatacat	tctagggcag	agaacccagg	atgggacact	420
aaaaaaatgt	gtttattttca	ttatctgctt	ggattttattt	gtgtttttgt	aacacaaaaa	480
ataaatgttt	tgatataaaa	aaaaaa				506

<210> 7446

<211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (83)...(481)
 <223> similar to gi23396 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7446

aaactgttga	gaaaacggaa	ctactgggga	aagggagggc	tcactgagaa	ccatcccggg	60
aaccgatca	ccgctgggtca	ccatgaacca	cattgtgcaa	accttctctc	ctgtcaacag	120
cggccagcct	cccaactacg	agatgctcaa	ggaggagcag	gaagtggcta	tgctgggggc	180
gccccacaac	cctgctcccc	cgacgtccac	cgtgatccac	atccgcagcg	agacctccgt	240
gcctgaccat	gtcgtctggg	ccctgttcaa	cacctctctc	atgaacacct	gctgcctggg	300
cttcatagca	ttcgctact	ccgtgaagtc	tagggacagg	aagatgggtg	gcgacgtgac	360
cggggcccag	gcctatgcct	ccaccgcaa	gtgcctgaac	atctggggcc	tgattttggg	420
catcttcag	accattctgc	tcgtcatcat	cccagtgttg	gtcgtccagg	cccagcgata	480
gatcaggaag	gcatcattga	ggccaggagc	tctgcccgtg	acctgtatcc	cacgtactct	540
atcttccatc	ntcgccctgc	cccagaggcc	aggantctgc	ccttgactgn	attcacttac	600
tc						602

<210> 7447
 <211> 4377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4168)...(631)
 <223> similar to gi3882285 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7447

tttttttttt	tttaaaatat	acagatatat	ttatattatc	aaaaagtccc	caaattgggg	60
aaaggggcat	caggtagtct	ggacccccca	ctcagcccag	actggaagga	aggctgaagt	120
ccccaaagcg	cagctctcag	ccctgtagaa	gctcagccaa	gagctcccct	ccccgtgagc	180
tgagtgtctc	ttctacagca	cccgtttttc	ttgctgttct	gggagtttgt	tgggaggagc	240
aggggggtcc	cttccggggc	gggccccagg	gcttcaacgc	ctctgaaggt	gggggtgggc	300
ctccccaagt	tctgactta	tggcccatct	ctccaagccc	cacaagggac	agttgaaccc	360
ggtgggggtg	agcagggttg	ggccaagagg	tcttgaacac	ctggggcaga	ggtgggaaga	420

ggtttctctgc	ccaggggttga	cccctgctgc	ctcccagccc	ctgccgggga	acccccatgc	480
tgcaagtcag	gatggaggat	gtgggttggt	gggtgcagtt	tcccatgcac	cccccgctgg	540
ctcacatgca	ggccttgagg	cataaggggt	gtctgaacaa	aaggcttcca	gcggcggaat	600
cctagagcca	aggatgggct	cctgtgctca	gacgttgccg	agaagagaca	gaggggtccgc	660
ggtgaaggca	gccacactcc	ggcgcatctc	atcttccact	cctcgaaggg	ggatcagtga	720
cacactaccc	agccggacct	caggcactgc	ccgggacacg	cgtgagggct	ctgagggcca	780
caccaggccg	tcctgctgca	caaacagaaa	ggtagcgaa	cactcccga	gctccatctg	840
tgtgtcacag	cagaggtacc	actgctgctt	ctcatgtttc	tctgtctcat	gcaccactgt	900
gaagccccag	caggtgggtg	gcctgagttt	cttcttccact	cccaggtaga	ctttgagact	960
cttaatatggc	cactccttct	caggccgggtg	actgggtctca	ggggccccgc	tccacggcct	1020
ctggctccgg	acctccttgt	agagccgcaa	gcagctgctg	ttgaggatga	agtagcgatc	1080
gtggaagcca	cctgagggca	ggcccaggcc	caggaggctg	cggtcctcac	ggaacttcat	1140
catgccatgc	ttggtgtcac	cgacacggct	ggccaggtag	agcagcatgg	cctccatggc	1200
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cttctccgca	aagtgcaggg	ggcgctctgc	ctcctccctc	tcggtgacct	caaagcaggt	1320
ccaatagtcc	ttctccctga	tgcccacgtt	ccggcgatcc	aggatctcca	gggtgagctc	1380
ctcagcagtc	atggatgctg	ggaccttgat	atgctgctca	gtctctgcct	tcttctcttc	1440
cagatacact	gtgcagatga	agtcaccggc	atgctgggtc	ccactggcag	tgccagccac	1500
gcgcattctt	acaatggcag	tgatctcctc	ccgctgcttc	ctgagctctt	cctcatccac	1560
actaaacacc	accacatagt	ggttaatatg	gtcttccacc	acacggccag	ccttgtagtc	1620
ctgcccattc	gtctggaaga	gcgtgggccc	aaacacaatt	gccaggttgt	gcacgttcat	1680
ctggttcgtg	tctgagaagc	actgaacaca	gtacagggtg	ctgataaggg	ccttccactgt	1740
ggcccgggtg	acagggggca	gccgcaccag	cagctctcgg	tacctggaga	ccttctcctc	1800
ctcgtcctca	atctctgagg	cctccagcca	ggtagggcgc	tgggcgcgag	tgaagagccc	1860
atcaggcagg	tcgcgcagga	agcgcttgag	cgccgaggaa	acatcatcca	cgtgctgctc	1920
gcctccttg	aggtgcacag	agcgcgcatc	ctgccgcagg	ctctccagca	gccgctgtgt	1980
cttcgatgtc	tgccacact	tgcggtagat	gccctcggag	gtcaggccgc	actgcgtgat	2040
gtagtccaca	cagcggtaga	cgatcaccgg	gatataccgag	tccccaaagt	gctgctccga	2100
cagcgtgtcc	cccatgctgg	cggctgcttt	ctggatggcc	cccagccaac	ccatgaagtc	2160
cagccgcgc	tcgccctgta	tgtacagtgt	cctccttcgc	tccactagca	ccagcacctg	2220
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gcagggcccc	tccgggaaga	cagcacggag	ctccgagcca	ctgagagaga	accagccctc	2340
ctgggcccgc	tgtaggctca	ggccagcttt	gtagggtagg	cgtcccagcc	gctcaaaatc	2400
ccgggcccag	agatcctcgg	ctaggggagg	cacgaatgcc	ttagcaatac	acttgaccca	2460
ctcatgagcc	tgtccgcac	tctccagccc	aaacaggtag	agccgtttct	cctccgtgta	2520
cacctcaaag	gtgtgtctca	agccatgggt	gtcaggaggg	ggcactgcca	ggcacacaa	2580
ctcgtggcc	cgaatctctc	cattgggggt	cactgcccgc	tcatctctca	agtagctcag	2640
gaccccgcca	ccaaggacac	accagcgccg	gctgaactct	tcccggggcc	ggcggtcctg	2700
tagcagcttg	ccggcagagg	cagtcttgta	gaggaagcca	ctgtggctca	cggtcggcag	2760
gacaactgag	tagtgctttt	ccaggggctt	catcgagtcc	agccgaggca	cctctgtggt	2820
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ggcggtgggg	gcctcagggg	cccccgagaa	gcagttgatc	ccagccccac	agcccaggag	2940
cgctgggtc	tcagccaggt	ctgtgggtgt	gactgcagca	cacagggcct	tgtccagctc	3000
ctcctgggtg	ccaaagagcg	ggtggtagcg	gcggtacttg	ccctcacggg	acttggcctc	3060
caggtggcac	cgccgggtgc	tggggctgct	gctgggctgc	agggcctcac	tggggggcac	3120
gttggctgcc	cagaagcggg	tcccagcgcc	attccccagc	tgtagaaga	gctcgataag	3180
tgtttctgtc	cacaccttcc	tgtccatctt	caggctccgc	accttggaga	cgccagcgcc	3240
cagggccagg	tgtcccctg	cacagcgctt	gcagataaca	acacagaggt	tgatggaggc	3300
ccagtcaggc	tgaggagccc	cgagtcagc	acagaacctg	ttgggggctg	cagcccagat	3360
gcgctcggcc	acctccgagg	tagacagggc	ctcagcgatg	gctccctgca	tggcctccaa	3420
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cacggccacg	tacagcttat	tcttgaagcc	acgaagctcc	aggtgcccag	cgcggtcagg	3660
ctgctctgag	cctggaactc	ccagcagata	agcgctagag	agccggggcc	gggcagctg	3720
ctcagccatg	gcctgctgca	gggcctgcat	ccactccttc	cgctccacat	cactctctgc	3780
ccggaaggca	aagggttcgg	tgtttgtgat	cacttcaaac	ttctgggtcc	cgatggcagc	3840

cacgtgggag	atgcaggcca	cagagataaa	gcgcttagag	taagcgctct	tgttactgtc	3900
aaagtatcgc	aggtgatcag	tatccagtct	cacccatcgt	ttctgataga	tgtaagatcc	3960
ctgcggtggg	ttcttgtcca	gccagccagc	cttgatgact	ggtgtgacgg	gggtggagcc	4020
cccaggcggc	cgtccatgg	ggtgtggcgc	agctattgtg	ctgggcaagg	acaagctcag	4080
gctgctggt	tgccatccgc	cattggggac	gccctcatag	gcgtggtcat	cctcttcctc	4140
atcccccttg	tcgtccccag	acagttcctc	tccctcgctc	agcagactgg	ccacgcgcac	4200
ggcccgtggg	actcggctcg	gtgggggctc	ctcctgcccc	cgagacccac	tcagcgtcat	4260
ccttccttc	aagccacaga	tcacacccac	cgggggctgc	cacgccccct	ctgtccacac	4320
agccccgacc	cacacagccc	agcactttaa	gttatgtttc	ctcacactcc	cctcccc	4377

<210> 7448

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (992)...(224)

<223> similar to gi37547 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7448

tttttttttt	ttgcatagt	agtcggagtt	tatttttata	attttagaa	aattgacatt	60
tagatttcaa	aacttatatt	acaaaattat	cagcagcagt	cttaagcatt	tcaacaatgc	120
tgatagattc	cactttgcta	acacaaacaa	ggctattata	ccatgttcga	aaagcaagac	180
ttgttccaag	agggcctatt	attatacatc	tgcctcactg	ctcaggaccc	gtttgtgact	240
gtgtcttctt	ccatctcttc	ttcaccatca	tcagtgggce	ctgatctgcg	ttctctgcc	300
gggatctgac	cagactgcag	caaccccttc	agcctctcca	cttcagccag	agttgaagca	360
tttgctatgg	cattcttgat	tgcttctaca	tccctggag	atggcccacc	tttctttttg	420
tcagttggca	aaccagcacc	tggattaaaa	gttttgcttc	tcttggaat	atcctttgca	480
agctgtgcac	cccgtttgcc	cttgaacatt	ttctctgctt	cctgacgctc	ttttagtttc	540
actttctgga	aatccagtac	tctgacttgc	ggaactttat	aatcacata	caatctgtaa	600
tgcttcttat	tggttaccgg	atttcttagg	atacttaggt	aagtcagcga	tttgagagat	660
gccagaggg	ccagatcacc	cagttccacg	agactattat	tggtgagaat	gagttctgtc	720
agacagggca	gagcctgatc	aagtccctca	cctatacggc	atattctggt	gttggttact	780
aacaatgttt	tcagtcttct	caacaaagga	aaaccatcca	gtttcctgat	ctcattgtca	840
gaaaaatcaa	tagcatcaaa	ctggtctaac	gtagcaccta	gattttcaat	gacgggaatt	900
ttataccccc	ggaggtccag	ctcccggctg	cgcaccgcgt	tgggtgactg	cgcgcgctgc	960
tcgatcagct	cgcgcgtcag	cttgaccatc	ctgcagcctc	ccgttcccc	gcgctgtgga	1020
aagcccgtgg	cctcccggca	gcgagacacg	aaa			1053

<210> 7449

<211> 467

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (166)...(321)
 <223> similar to gi403018 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7449
 cgaccacgc gtccgggcag cggcggcggc cggggagggt cacaataaag gtgctaagaa 60
 agagaatgta agacaggaaa ataattaaat attcctaccg agtgtcttca ataggccgtg 120
 ttttaaggagc gtcttacact ccctgttgcc agtggctgga acacaatgga tcacacaggg 180
 gcgatagaca ccgaggatga agtgggacct ttagcccatc ttgctccaag tcctcagagt 240
 gaagctgtgg ctcatgaatt ccaggaactc tccttgcaag ccagtcaaaa cttaccccct 300
 ctgaacgaaa ggaaaaatgt gctccagctg aggctgcaac aaaggaggac gagagaacaa 360
 ctagtggacc agggcatcat gccacgcaag atttatacca tctactgccat ccctaacgtg 420
 acagaacatg acgggcgtgt cccagaagag cctgcactct gctctgt 467

<210> 7450
 <211> 1086
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (617)...(284)
 <223> similar to gi4337104 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7450
 ttttttttac agtttaccac acaaatttat ttgggagaaa catccaggga ctaggggaca 60
 agagaggaaa cctggtgggc agtagggctg ggggtacaga gtagcagtaa gtgtgctgaa 120
 gggcgtaaac caagaggaag agccaaggct ggggtccagt ggctggaggg aggcaaggag 180
 ggctggtatg agggactaga agtcctggcc aagcccagat agaagtcagg aaggtggctg 240
 gaaactggtg gaattttaca ccaaagtttg ctgcagtcac actaaggagt atagagccct 300
 ctgttttgag ggtcattgca gaaatccagg aagcagtatt gagagaatat ccagaagcca 360
 gacaccggag aagttcgggt atttgaacaa tctactatct gtccttact tcggcagtca 420
 ctaccatga cgtcagaacc gctgctgttc tttttgtgga gagtgatgca gctgctgcc 480
 gctggggtga ggcagatgtc agatcccaga aggcacccta actccttggt ctccaagagg 540
 catcggtagc agcgcaggta tttggggaat ggaagtgggt gaggggggttc ccaattgaca 600
 ggaacaaact tacctcatcc ttttccctgc ccgcctgtg ctgagctgag gctcagtggt 660
 cctgaactcc ggagcccaca gaatctggcg ctgggcgtcc gctctccgcg cctgaccgca 720
 cctcagaact ccggtaggac ggggggggtg ccccccgcgc aagctctgtt ccctggggaa 780
 gaaacctgga aagtgcgaac cgcgcgtcgg gacccaagcg tcggggccca gcggacatcc 840
 ggagcccga ggcgtcccc aggaaggcgg gcgcgtagcg ccactctccc tcccaggcga 900
 attctggaga ccgcgcccc aggcgtctca cccattttct ccgctgggga ccgctgggct 960
 ccccatccac gcctactcgg tccccacccc accagctcag tcttgactca gaaactcagg 1020
 gtttttactt ttaggatcgt tgggctgtgc gttaggggag gaggtggtcc tcagcgtcct 1080
 ggaacg 1086

<210> 7451
 <211> 1036
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (664)...(746)
 <223> similar to gi212817 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7451
 ttttacatgc cttgcatttt tgcagaagct ctgtcccagg gagctcaaag cttatcatag 60
 tatttaaaaa aaaaaaacag aaatacagaa agtgtaggga ctgcaataaa gactagtctg 120
 caagtctggg gccacttct cccaaaattt tttcaagagt tccagggttt aacattcggc 180
 ctcagaaatt ccagaatctt ggggttcaaa tggaatcttc caaactgccc atcccaccca 240
 gaaaggacac attcttcaga ccatatgttc caatgttttt ttggggaagt gaggttccca 300
 tataagggaa aatgccccat tccaaaatac gacctttgga cagggtgacg tcattggaaa 360
 tccgaaataa actgaggggt ggggaccagt ggggggaagc tctgtcactt ctggttacca 420
 ctgttttgaa gcttcattgt ggctaattcc cctgcagaac ctcaaaccac ttagagatca 480
 actccataga tctttggttt tcttcactctg tttcacatgg aacacagctt tctcctagtc 540
 tgtgctttgt ttgtcacgt gtttttttct tcctcttggt gtccatctgt ggcactccat 600
 tccgaccctt gccttctgtc ccctgtactt ctgaactgtc tccctgggga cctccgccct 660
 ctagatgagt tatacgtcga gaagctcaag taaaaagcta tcagcgagga actggaccac 720
 gctctcaacg acatgacctc tctctgagag gcagccaggt cgctgccctc tgtccttctc 780
 acatggtgcc tcctacgcc ctgtgggctt ctaggagctc cgggtggcctg ccttctgggt 840
 tgaacgtcag agccttcttc tgatgtgtct gtgactctac aaccgaaata aagacgggca 900
 gtctctctct tcattgtccc tcattctcat tttctccact tgctgccttt gagctgtagc 960
 tgtgtgccct taaccatagc ctgaaacaca aagtgggtgg ttagcctctc tcaactcaca 1020
 atgaaaagct tattac 1036

<210> 7452
 <211> 2179
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1325)...(1947)
 <223> similar to gi5824602 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7452
gtattggaat gaatatggag gaggactatt gtggcaaagt tggcaagaaa aacatccggg      60
tcaagcacta tcttctgaac cttggaactt tcctgatata aaggaagaat gggagcaaca      120
ttatagtcaa ctttattggg attatttgga acaatttcag tattgggaag ctgagggttg      180
gacttttgat gcctcgcaaa gctgtgatac agatacttac acatctaaaa cagaagctga      240
tgacaagaac gatgaaaaat gcatgaaagt tgacttagta tcttttctat cttcacctat      300
tatgggtgat aatgatagct ctggtacaag tgataaggat catagtgaag tacttgatgg      360
aattagtaac ataaaactga attcagagga agtaacacag agccaattag attcctgtac      420
aagtcatgat ggtcatcaac agctaagtga agttagtagc aaaagagagt gccctgcttc      480
cggccaaagt gaaccacgta atggaggaac caatgaggaa agcaactcat cggggaatac      540
aaacacagac ccaccagctg aggattcaca gaagtcttca ggagcaaaca caagcaaaga      600
cagaccacat gccagtggta ctgatggaga tgaaagtgag gaagaccac ctgagcataa      660
gccaaagcaa ctgaagagga gccatgaact ggacattgat gaaaaccacg cttcagactt      720
tgatgacagt ggttcccttc taggattcaa gtatggctca ggacaaaaat atggtggaat      780
cccaaatttc agtcacggc aggtcaggta tttagagaag aatgtgaagc ttaagtctaa      840
gtacctagac atgcgagac aaataaagat gaaaaacaaa cacatcttct ttaccaaaga      900
gtcagaaaaa ccatttttca agaaaagcaa aattctgagt aaggtagaaa aattcctcac      960
atgggttaat aaaccaatgg atgaagaagc atcacaggaa tcatcttctc atgacaatgg     1020
gcacgacgct tccacaagtt gtgattcaga ggaacaagac atgtctgtta aaaaagggtga     1080
tgacctactg gagactaata atccagaacc tgaaaagtgt cagagcgat cttcagctgg     1140
tgaaacttgaa acagaaaact atgaaagaga cagcttgcta gcaactgttc cagatgagca     1200
ggattgtggt actcaagaag tgccagactc ccgccaggca gaaactgaag ctgaagtga     1260
aaagaagaag aacaagaaga agaacaaaaa ggtgaatggt ctgcctcctg aaatagctgc     1320
tgctcctgag ctggcaaat actgggcccc gaggtacagg ctcttctccc gttttgatga     1380
tggtattaag ttggacagag agggctggtt ttcagttaca cccgagaaga ttgctgaaca     1440
cattgctggc cgtgttagtc agtccttcaa gtgtgacggt gtagtagacg cattctgtgg     1500
agttggagga aataccattc agtttgcctt aacagggaatg agagtgattg ccattgatat     1560
cgatcctggt aagattgcc ttgctcgcaa taatgcagaa gtttatggga tagcagataa     1620
aatagagttc atctgtggag atttcttgct gctggcttct tttttaagg ctgatgttgt     1680
gttcctcagc ccaccttggg gagggccaga ctatgccact gcagagacct ttgacattag     1740
aacaatgatg tctcctgatg gctttgaaat tttcagactt tctaagaaga tactaataa     1800
tattgtttat tttcttccaa gaaatgctga tattgaccag gtggcatcct tagctgggcc     1860
tgaggggcaa gtggaaatag aacagaactt ccttaacaac aaattgaaga caatcactgc     1920
atattttggt gacctaatc gaagaccagc ctctgaaacc taactatgca gcagtgcgag     1980
gacaaaagat catggagtgg tcaaaatatt cagatgagac atttggcatg tcttccttta     2040
ttactgata ttttctaccc atggtcttat atcaccgatg gaaatggaaa cttacaggac     2100
ttaaatatca gtgaaatatt ttgagatctt tgaataattc ctttagagga attatacaaa     2160
attaatatat atgagtcct                                     2179

```

<210> 7453

<211> 631

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (210)...(454)

<223> similar to gi35184 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7453
gtgtggtgga attccccggag aaggtgaaat tctgtgtgct ccctccggcg agagactttg      60
tcagctcccg cacagtaaca tcctgaataa agtcaaaact caaccaacag gtggaagtcc      120
aagaatccga gtggaggctc accgaggcga aggggccaac catgggaaag gagagtggat      180
gggactcagg cagggctgct gtagcagctg tggtcggagg agttgtggct gtggggactg      240
tgctcgtggc gctcagtgcc atgggcttca cctcagtagg aatcgccgca tcctccatag      300
cagccaagat gatgtctaca gcagccattg ccaacggggg cggagttgct gctggcagtc      360
tggtggttat tctgcagtca gtgggggcag ctggactctc tgtgacatct aaagttatcg      420
ggggctttgc tgggacagct cttggggcct ggctgggttc acccccttcc agctgaacac      480
cacactgagg cagggagttg gctctcttgg tggagatgac tttcctgggc ctctggatga      540
caatcttcca aaggacaagt ctctactcc caaaactatt taaggaagca tgaaaaataa      600
agatgctggt tatcttctcc taaaaaaaaa a                                631

```

```

<210> 7454
<211> 1855
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(1439)
<223> similar to gi5912057 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7454
catagagcaa gagtggacag aagcagggag tccccaggag gggacctcag gcatccaggg      60
aggggtgagga gggacattac tttgtcagga catccaagac tcagtactca gcatgtttgtg      120
ctcctgaggg aggatgaggt tggagatcca ggaaccaaag acctgggcca cccccagcat      180
ggcagtccca tccaggagac acagagttag gtggtcaccc tggtcagtcc actcccaggg      240
agtgacatgg cagctttacc ggcttggaga gctacttctg ggctgacact ctggcccat      300
acagcagaag gcagggatct gctgggagct gagaacagag ccttgactgg tgggcaacaa      360
gcagaggatc ccaccttggc ctcaggggct tatcagtggc ctggctctgt tgagaagctg      420
caagggtcag tatggtgtga tgctgagacg ctggtgagca gctcgaggac tgggtgggcag      480
gctcccccac ggctgacaga ccacgatgtg cagatgctcc gtctgttggc acagggggag      540
gtggtggaca aagccagggg ccccgcccat gggcaggtgc tacaggttgg cttctccact      600
gaggtgccc ttcaggacct gtccctctcc aggtcagcc aactctgttc ccaagggctc      660
tgtggcctga tcaagaggcc tggggacctg cctgaggtcc tgccctcca cgtagatcgt      720
gtgctggggc tgcgccggag cctacctgct gtggcccgcc gcttccatag cccctcctg      780
ccctaccgat acacagacgg tggagcaagg cctgtcatct ggtgggcgcc cgatgtgcag      840
cacctgagcg acccagatga ggatcagaac tctctggcct tgggctggct gcagtatcag      900
gccctgctgg cacacagctg caactggcca ggccaggccc cgtgcccgcc catccaccat      960
accgagtggg cagccttggc gctcttcgac ttctgttgc aggtccacga ccgcttggat      1020
cgctactgct gtggcttcga gctgagccc tcagaccctt gtgtggaaga gaggtccga      1080
gagaaatgcc ggaaccagc cgagctgcgg ctggtccaca tcctgggtccg gagcagcgat      1140
ccatctcacc tggctctacat cgataacgct ggcaaccttc agcaccctga ggacaagctg      1200
aactttcggc tgctggaggg catagatggg tttcctgagt ctgccgtgaa ggttctcgca      1260
tcaggggtgc tgcagaacat gctgctgaag tcgctgcaga tggaccaggt gttctgggaa      1320
agccaaggcg gagcccaggg gctgaagcag gtcctccaga ccctggagca gcgaggacag      1380
gtgctgctgg gacacatcca aaagcacaac ctcacactct tcagggacga ggaccataa      1440
gccgcacaca gccctgagtc aatgagcatc catcctgatg gccacatttt cttgggctca      1500

```

ctcatcttga	ggacaaatgg	gaaaagccag	aagccagagg	ggcacaagga	tgtcacggga	1560
tatttcacct	gcctgggatg	gtggaggtag	tatggggttt	tcaatctcaa	agcgtccctt	1620
tctgccttct	cggctctggc	tattttattcc	cttgccaccaa	caaatacatt	cgaaaatggt	1680
ctgtgagctg	ctcaagaaac	tgtaaaaaatg	tgtgatgcac	gtgcatatgc	agagtgggag	1740
aactttgtgt	gtgtgtagag	gtgtgtaggt	gtgggtggca	tgtgtgcccg	cctgcatgca	1800
atacctgaga	ccaaccta	aaaggtacaa	tcttcataga	actgcaaaaa	aaaaa	1855

<210> 7455
 <211> 1083
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (162)...(897)
 <223> similar to gi4929667 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7455						
gcggccaccg	ttttaaccac	gattggcgaa	gcgccgtcat	ttcggagcga	ctcagcgcct	60
gcccgccttc	tgcgcgcgtc	gccggtgcct	gcgcctcccg	ctccacctcg	cttcttctct	120
cccggccgag	gcccggggga	ccagagcgag	aagcggggac	catgttccga	cgcaagttga	180
cggctctcga	ctaccacaac	cccgcgggct	tcaactgcaa	agatgaaaca	gaatttagaa	240
acttcacgt	ttggcttgaa	gaccagaaaa	tcaggcacta	caagattgaa	gacagaggga	300
atttaagaaa	catccacagc	agcgactggc	ccaagttctt	tgaaaagtat	ctcagagatg	360
ttaactgtcc	tttcaagatt	caagatcgac	aagaagctat	tgactggctt	cttggtttag	420
ctgttagact	tgaatatgga	gataatgctg	aaaaatacaa	ggatttagta	cctgataatt	480
caaaaactgc	tgacaatgca	actaaaaatg	cagaaccatt	gatcaatttg	gatgtaaata	540
atcctgattt	taaggctggt	gtgatggctt	tggctaacct	gcttcagatt	cagcgtcatg	600
atgattacct	ggtaatgctt	aaggcaattc	ggattttggt	tcaggagcgc	ctgacacagg	660
atgcagttgc	taaggcaa	caaacaaaag	agggcttacc	tgttgcttta	gacaaacata	720
ttcttggttt	tgacacagga	gatgcagttc	ttaatgaagc	tgctcaaatt	ctgcgattgc	780
tgacataga	ggagctcaga	gagctacaga	caaaaatcaa	cgaagccata	gtagctgttc	840
aggcaattat	tgctgatcca	aagacagacc	acagactggg	aaaagttgga	agatgaacac	900
ttgaggactt	cagcttctca	cctacttttag	tacagttggg	aaccatacac	ttctggcatg	960
tttggaatc	aaaatgtcac	attctcgggg	gaggaagccc	agaaaattgg	gtatgttcta	1020
gagatttacc	accattgctt	attgcttttt	tctttaataa	agtttaggaa	agtaaaaaaa	1080
aaa						1083

<210> 7456
 <211> 1667
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1054)...(1176)

<223> similar to gi4200220 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7456

```
ggaagtgctt ggccacagtc gcagccccgg cgccccgaag cgggaaaaag gctgggtgcc      60
gccgtccccc agctgcgcaa ccctaggaac tctcggatca acctggatgc cttccttcac      120
aataatctca tggaggtaat ttaaagaatc ccttttttgg agagtcagag agaaaagcaa      180
aaaaaaagag catgaggaat ttgaagactg agagatgagt tgtgtagcac caacattttc      240
tttctgcctg accttcatac ctgatgaatt aaaagggcaa taattaaggt ggaatttgcc      300
tcacatgaag ttttattatt ttagttatta aaatagtttc caacactact gagaagcaaa      360
aagcaattct cgttggttta agaacatagg atgtttggaa gagttagata agggacacat      420
tgaaaacaga gaggcaatct gaaggctacc ttgacgcac tgcaaagctc ccagattctg      480
actttcacia gacttgcttt ctgtttctgg gcctcgcta aacagactgc cagtcacccg      540
aaccgtggca ggatggagat gtttgtgtaa ggttagactca agtttgcaag actcaagaag      600
taaaccacca aactaatttt actttcactt aaaccagatt gaaaccaaga cttgaagaat      660
taaaaacttt gacattaacc attgattcac tccaatgaaa taattgtgtt atagccagaa      720
tcatggtgaa attggaacaa ggcttttgat gggattttta attgaggggac ttatattaaa      780
ttggatattt tctttaatga acagcatgtg gccaaaattc tattttcatt aaagtatatt      840
aagcatcatg acaactcata ttaaacctgc aacaaatgat taatgacatt tagagacttc      900
aatgtcatg agacacctta aatattaaga atcaaaaaga acacctcaa gttgtttcta      960
ttcttagtaa ttatgcttaa aaaaaaatct ttccttgctt tgaaagccag ttgctaaaaa     1020
taaaaactgt tccatgaaaa atcacaatgc ccaatgataa atttatgtat ttgtttttta     1080
aagggggagg atggtgagaa aaatagaaag ctctggctg acatcagagg tcacaagatg     1140
agttcctcat ttgtccaaat gacattcagc tgctaaaaga agtcagactt cttttacagg     1200
gctgttgaaa agacagtaag tcaggagggt ttcaatacat gactgcaggg gaatcagaca     1260
caggctagtc acttaagttg ctttaattgtc cgtgtaccct tagccacga cttcaggggc     1320
tcagcagctt catccttcac ggcaccaaac cttgacgtaa gggattcaaa gacacactca     1380
taagaatcgt gaatttgtcc tcatgcaaaa tttgggggac tggcctacaa aaccgaaaca     1440
aggagatcgt atcccctaag tgaaagggac tttatattaa ttgtcagtta taacaatatg     1500
taaaatacat aaaagagata gagcactgca ggccatcaag gtcaaacatt tgaaacagaa     1560
ttaaactaaa ttataaggag gattaaatgg cttttgtctt tgtaaagaaa agaatatgca     1620
tgcattgatt gcctatgtag aaggattaat aaatcttttg gcatggt      1667
```

<210> 7457

<211> 532

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (102)...(415)

<223> similar to gi914899 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7457

```
cttttccac gtggtgaatg ccctggagtt gtgagggtgt gagggtcgcg ttctgctgt      60
```

ctggactttt	tctgtccac	tgagacgcag	ctgtgtgaaa	tatgatttgg	cgaggaagat	120
caacatatag	gcctaggccg	aggagaagtg	taccacctcc	tgagctgatt	gggcctatgc	180
tggagcccgg	tgatgaggag	cctcagcaag	aggaaccacc	aactgaaagt	cgggatcctg	240
cacctggtca	ggagagagaa	gaagatcagg	gtgcagctga	gactcaagtg	cctgacctgg	300
aagctgatct	ccaggagctg	tctcagtcaa	agactgggga	tgaatgcgga	gatggtcctg	360
atgtccaggg	gaagattctg	acaaagtcag	agcaatttaa	aatgccagaa	gggaggtgac	420
aggcaaccac	aggtttaaat	gaagacaagc	tgaacaaca	caaaactgtt	tttatctaag	480
atatttgact	taaaaatatc	gaaataaact	tttgcagctt	tctccgaaaa	aa	532

<210> 7458

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (669)...(738)

<223> similar to gill143540 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7458

ttttttggga	ttttgcaaca	tttaatcaaa	aaagaatctg	gcatcttaaa	agttaggttt	60
acaaacttga	cacattctca	atattagcaa	tttatctatt	taaacattgt	ctaagaaaat	120
atgatctatg	aagacattaa	tacattaata	agataacttaa	gagttcatta	taagctacaa	180
cactttgcaa	ataagtatcc	agtttaattg	taacaaacca	caatttggtga	gcaaatttaa	240
gaatataaaa	aacattaatt	agttaaatac	aattctctgg	gaatatacat	tataacctaca	300
gctgttttta	cagtgaagat	cttccttttt	ttttcctttt	aattatcaaa	atggtaaatc	360
actgtatggt	cctggatctc	catgctataa	aactgaaata	tgtatttcca	gcgtagcaga	420
tggtgaccag	gaaggcaaag	aacgatgagg	ccgccagct	gttgaagttg	tgactgtccc	480
tctcagggga	gacggaagat	gcatctacaa	cagcggcaga	gaggtacaag	acgaaggcac	540
tgccgttaaa	gcacaggccc	actgttgtcc	agggcacctg	gggaatcctg	gtgtaggtca	600
ttgttatgta	gataatgagg	aagaagacgg	tgaggacca	gtaaaataca	gctacaaaca	660
tgacccagcc	aatgcgggg	acccggaagt	actcagttcc	agcaataagc	gtccatacca	720
gcagccccag	aacgatctcg	gccacgatga	ggaagccggg	caggggtgcg	aggaactccc	780
ggtcgtaggc	gaagctgctg	ctgctggtat	ggacgcttat	tgctggaact	gagtacttcc	840
gggtccccgc	atttggtctg	gtcatgtttg	tagctgtatt	ttactgggtc	ctcaccgtct	900
tcttctcat	tatctacata	acaatgacct	acaccaggat	tccccaggtg	ccctggacaa	960
cagtgggcct	gtgctttaac	ggcagtgctt	tcgtcttgta	cctctctggc	gctgtttag	1020
atgcatcttc	cgtctccct	gagagggaca	gtcacaactt	caacagctgg	gcggcctcat	1080
cgttctttgc	cttctcggtc	accatctgct	acgctg			1116

<210> 7459

<211> 2093

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (247)...(1875)
 <223> similar to gi4884154 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7459

cccacgcgtc	cgtccaaggt	caaggtgccg	cacaccttcc	tcattccacag	ctatacacgg	60
cccaccgttt	gccaggcttg	caagaaactc	ctcaagggcc	tcttccggca	gggcctgcaa	120
tgcaaagact	gcaagtttaa	ctgtcacaaa	cgctgcgcca	cccgcgtccc	taatgactgc	180
ctggggggagg	cccttatcaa	tggagatgtg	ccgatggagg	aggccaccga	tttcagcgag	240
gctgacaaga	gcgcctcat	ggatgagtca	gaggactccg	gtgtcatccc	tggctccac	300
tcagagaatg	cgctccacgc	cagtgaggag	gaggaaggcg	agggaggcaa	ggcccagagc	360
tccttggggg	acatccccct	aatgaggggtg	gtgcaatcgg	tgcgacacac	gacgcggaaa	420
tccagcacca	cgctgcggga	gggttgggtg	gttcattaca	gcaacaagga	cacgctgaga	480
aagcggcact	attggcgcct	ggactgcaag	tgtatcacgc	tcttccagaa	caacacgacc	540
aacagatact	ataaggaaat	tccgctgtca	gaaatcctca	cgggtggagtc	cgcccagaac	600
ttcagccttg	tgccgcggg	caccaaccca	cactgctttg	agatcgtcac	tgccaatgcc	660
acctacttcg	tgggcgagat	gcctggcggg	actccgggtg	ggccaagtgg	gcagggggct	720
gaggccgccc	ggggctggga	gacagccatc	cgccaggccc	tgatgcccgt	catccttcag	780
gacgcaccca	gcgccccagg	ccacgcgccc	cacagacaag	cttctctgag	catctctgtg	840
tccaacagtc	agatccaaga	gaatgtggac	attgccactg	tctaccagat	cttccctgac	900
gaagtgtctg	gctcagggca	gtttggagtg	gtctatggag	gaaaacaccg	gaagacaggc	960
cgggacgtgg	cagttaaggt	cattgacaaa	ctgcgcttcc	ctaccaagca	ggagagccag	1020
ctccggaatg	aagtggccat	tctgcagagc	ctgcggcatc	ccgggatcgt	gaacctggag	1080
tgcatgttcg	agacgcctga	gaaagtgttt	gtggtgatgg	agaagctgca	tggggacatg	1140
ttggagatga	tcctgtccag	tgagaagggc	cggctgcctg	agcgccctcac	caagttcctc	1200
atcaccacga	tcctggtggc	tttgagacac	cttcacttca	agaacattgt	ccactgtgac	1260
ttgaaaccag	aaaacgtgtt	gctggcatca	gcagacccat	ttcctcaggt	gaagctgtgt	1320
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cacgtgggga	gtgggggtgg	gggagctatt	tccaaggccc	ctccctgttt	ccccagcaat	2040
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<210> 7460
 <211> 1621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1121)...(769)

<223> similar to gi3881921 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7460

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cctggccccc ttccaacttt cttaacggga aaggctgcta ccatttcttg agcacctatg 180
tgtcaggctc catcaggcac gtcacagtct aacctgataa ttacacaacc catgtcactg 240
acaaggaagc caggttcgga ggggttgagg cccgcaacct gagggagggtg actccgggac 300
acacaattag tcctgctttg ctgaaggaaa gatatgcagc ccaccagtcg gaggtctggag 360
aaggagcagc agcagcttaa accttaaccc agagtatttt ttattttcca gaacgtgtta 420
ggaactagta cttaaataat ctcaagtcct tgaggggcca gagatccac catgcaaat 480
agcaaacaga cccaagactt ggggagaggc ggtgagtgc tcaaaaatgg atgggtacat 540
ctgattccca ccacgcgggg ctcagcttag ttagcaggag accttcagac tgagaaaaaa 600
tgcaagtctt tttttggcct ctaatatctg ggaaggatgg agggagctca ggagacacag 660
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caggtgccgc agccggcgct ccgcggccga cgcgccacc gatgggggtg ttgatgtagg 1500
gggtcccctc ggggtccttc cgccgctgct gccggtgctt gcgagccgcg aagtcggcag 1560
cctccagcag ctgcgccgcc tcagagccca tcgcgcggat ggggccgacg actgcggccg 1620
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<210> 7461

<211> 2136

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2056)...(592)

<223> similar to gi4895039 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7461

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ctgacaatcc	aggggagcaa	tgccctgtgg	gctgctcact	gccccagac	cttctgcaca	180
tgtgtgactc	ctgtgacatc	atctgtctcc	aggtttccag	acttctcagc	cccacccttg	240
cagcagcagg	tcagcctggc	ttttagaaag	agaattttat	ttggaatgaa	aatatagagc	300
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tttgcggaag	gacatgtcgg	gggcaccggg	ggcgaggggg	gctgcggcac	cggcttcggg	2100
cggctccgga	tccccgcctc	tgggaagcag	gaagca			2136

<210> 7462

<211> 1856

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (81)...(1463)

<223> similar to gi2865163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7462

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cctcgcacat	gccaaggtea	ggggctccca	aagagcgccc	tgcgagagcct	ctcaccctc	180
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acaaggacca	cctgtacagc	acggtatgca	agcctcggtc	cccaaagcct	gcagccccgg	300
cggccctcc	attctctct	tccagcgggtg	tcttgggtac	cgggctctgt	gagctagatc	360
ggttgcttca	ggaacttaat	gccactcagt	tcaacatcac	agatgaaatc	atgtctcagt	420
tcccatctag	caagggtggct	tcaggagagc	agaaggagga	ccagtctgaa	gataagaaaa	480
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ctctggagct	ggatagactg	atggcctcac	tctctgactt	ccgcgttcaa	aaccatcttc	600
cagcctctgg	gccaactcag	ccaccgggtg	tgagctccac	aaatgagggc	tcccatccc	660
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cttgcaattc	cagcgaatcg	gaggccaggc	caggacgtcc	ttgctccctg	caccctcact	1800
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<210> 7463

<211> 2887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (59)...(999)

<223> similar to gi5882722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7463

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gggggtctgg	cggctgctct	ccgccttctt	gcccgcgcgc	ttctaccaag	cgctggacga	180
ccggctctac	tgctgttacc	agagcatggt	gctcttcttc	ttcgagaatt	acaccggggg	240
ccagatattg	ctatatggag	atttgccaaa	aaataaagaa	aatataatat	atttagcaaa	300
tcatcaaagc	acagttgact	ggattgttgc	tgacatcttg	gccatcaggc	agaatgcgct	360
aggacatgtg	cgctacgtgc	tgaaagaagg	gttaaaatgg	ctgccattgt	atgggtgtta	420
ctttgtctcag	catggaggaa	tctatgtaaa	gcgcagtgcc	aaatttaacg	agaaagagat	480

gcgaaacaag	ttgcagagct	acgtggacgc	aggaactcca	atgtatcttg	tgatttttcc	540
agaaggtaca	aggtataatc	cagagcaaac	aaaagtcctt	tcagctagtc	aggcatttgc	600
tgcccaacgt	ggccttgacg	tattaaaaca	tgtgctaaca	ccacgaataa	aggcaactca	660
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<210> 7464

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(2453)

<223> similar to gi4689221 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 7465
<211> 4651
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature

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<222> (29)...(474)

<223> similar to gi307140 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7465

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gaaccgggga	ggcggagctt	gcagtgagcc	gagatcccg	cactgcactc	cagcctgggc	4620
gacagagcga	gactccgtct	caaaaaaaaa	a			4651

<210> 7466

<211> 1598

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (340)...(513)

<223> similar to gi4929491 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7466

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ggtgtgaagc	tgtaaaaggg	accattatgt	ttccgattca	gaatatatat	tcttctctca	180
ctttctaaga	attaaacaca	agcttttctc	ccttattgat	tagttgctga	agtaaaggaa	240
ccctgcagcc	ttcccatgct	atctgttgac	atggaaaaca	aggaaaatgg	ctctgtcggg	300
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gaaattgatg	gaaaatccct	gctattgatg	acaagaaatg	atgtgttgac	aggacttcag	480

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catttaaaga	acaactcttc	atagtacagt	caaattgggg	tcttcgacct	caaaaaaata	600
cataatgaca	taatttagtt	tcatgtaatg	aaactttgta	aacagaatac	atacatgtgt	660
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<210> 7467

<211> 1121

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(944)

<223> similar to gi4468307 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7467

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gaatctaact	tcctatctgc	caactaggat	actttctact	gggaaaaaatg	cttctcaatc	1080

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1121

<210> 7468

<211> 2329

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (121)...(1139)

<223> similar to gi4929641 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7468

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aacatgggcc ttatctacaa gcagttcaca attgagctgg agccaaagg 2329

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<210> 7469

<211> 1004

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (363)...(485)

<223> similar to gi1333846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7469

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gccaggagag gtactggacg ccgcgcacgc actcgtctgc cagcgaggcc caaaggggaa 180
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caagacaaga aatagaagaa tttcagaagc tgcagagaca atatgggtta gataattctg 480
gaggatacaa acaacaacaa ctacgaaata tggagataga agtaaataagg ggaagaatgc 540
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ttattatcag gttacaggga acaaaggcct ggattggagc atgtgaagta tatatactcc 960
tgacctctct aagggtttag tgtcatatth gttgattttc actg 1004

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<210> 7470

<211> 1112

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(423)

<223> similar to gi471243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7470
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tcgagctcct tgtgcgcgct gttggtgctg ctgctgctgc tgacgcagcc agggcccatc 180
gccagcgctg gtccctgccg tgctgtgttg agagagctgc gttgcgtttg ttacagacc 240
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tgctccaagg tggaagtggg agcctccctg aagaacggga aggaaatttg tcttgatcca 360
gaagcccctt ttctaaagaa agtcatccag aaaatttttg acgggggaaa caaggaaaac 420
tgattaagag aatgagcac gcatggaaaa gtttccagct ctacagcaga gaagttttct 480
ggaggtctct gaaccaggg aagacaagaa ggaaagattt tgttggtgtt tgtttatttg 540
gtttccccag tagttagctt tcttccctgg attcctcact ttgaagagtg tgaggaaaac 600
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gtttcataag aattctgttg atggaaatac actgttatct tcaactttat aagaaatagg 900
aaatatattt atgtttcttg gggaaatgtg tagagaattc cttactcttg attgtgggat 960
actatttaat tatttcactt tagaaagctg agtgtttcac accttatcta tgtagaatat 1020
atttccttat tcagaatttc taaaagttta agttctatga gggctaatat cttatcttcc 1080
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<210> 7471

<211> 1551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (561)...(900)

<223> similar to gi5881839 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7471
caaataacaa tatgattaac ttcataattta ttattttcaac gatctttttt ataaccgagt 60
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atcttttagca ataataggca atattaaagt tgtattaaact tttaaattaa gtaagagtat 180
ttggtggatg ccttggtctt gaaagtcgat gaaggacgag attacctgcg ataagcttcg 240
tgaggttgga aataaactat gatacggaga ttccgaatg gggtaacctc actgagcaaa 300
cctcagttgc attttgatga atccatagtc aaattagcga gacacgttgc gaattgaaac 360
atcttagtag caacaggaaa aaaaaaaaaa taatgatttc gtcagtagcg gcgagcgaag 420
gagaaaagtg cccaagatcc ttccaggata tttggttttt tgggcgcgac acaaatcgag 480
gtgagggaag agagaggaaa atcccctgaa tccctgcagg attaatttat tcaaaaagga 540
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tgccaaaggc cgaggaagat cgcccttttg aggatgtacc acaggaggca gaaggaaatc 660
ctcaaccttc cgaagaaggc gtaagccagg aagcagaagg aaaccccgag ggagggccga 720
atcagcctgg ccagggattt aaagaggaca caccggttag gcatttggac cctgaagaaa 780
tgataagagg agtagatgag cttgaaaggc ttagggaaga gataagaaga gtaagaaaca 840
agtttgtgat gatgcattgg aagcaaagac attcacgcag ccgtccttat cctgtgtgct 900

```

ttaggccttg	aattcatttt	tgcctaatat	taaaatctgg	ccccagcttt	ctttctgtta	960
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gtctattttt	caattggaaa	ctttcacaca	tttgcacggg	aatatgttca	ttccatgttg	1140
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ggataaaaatt	ccaaactttg	tgtgtgtgcg	tgtgtgtata	catacatcca	tataacatat	1260
atcacaaaact	taaccaagct	tatttctgtg	tgggtgtgaaa	ttttatttgt	tttcttcttt	1320
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aaggattttt	tttacaagta	agagtcaaat	aatttgcaac	cagcttatga	gggcaatggg	1440
ggcacctaaa	ctcttgatga	aagaacttta	aaaagaaatg	taaacctcaa	attacctctg	1500
gatctcttag	ccagaggaat	aaactggcaa	ttattacaga	taaaaaaaaa	a	1551

<210> 7472

<211> 1850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (630)...(1649)

<223> similar to gi3136001 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7472

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ctaagagatc	acaggaaaat	ggaggccagc	attctaggcc	tggggaagag	tttgggcaaa	180
ggcttggcag	taagagaata	aaggtggggc	ttgatggggc	agaggataag	tgactcctca	240
aggtcacaa	acacctgat	ggctgggacc	ccatctctga	tggagcaagg	cttctgatac	300
ccaactgagg	cttggcgcca	aggactgaca	tcaaggaagt	ggattcctgc	aaacctggca	360
cccaggggtc	cacttctctca	atttctgtgc	agctgggagg	tgaggtaaga	ggaagtgtgg	420
gccacaggct	aggcccagag	agcctggagg	aggagcctct	gccagactgg	agagaagcag	480
gcttgagcct	ccccaaaggc	agctcctggg	gactcccagg	accacaggct	gagacgagac	540
gcaggggtgc	tggaggaagt	gagaggtgaa	ctcagcctgg	gactggctgg	gcgagactct	600
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gtgactttga	acagcttccg	gatgatgttg	ccatctcggc	caacattgct	gacatcgagg	720
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ccaaagtcta	cgtgggtgtg	aaacaggaga	tcgcccagat	gcggatacct	gccctcaacg	960
cctacatgaa	gagcctgtct	agcctgccgg	tctgggtgct	gatggatgag	gacgtccgga	1020
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gcccgcgcac	ccggaaagtc	aagagcgtgt	ccccacaggg	caacagcggt	gaccgcatgg	1140
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tcaaagctgg	agatgtgatc	ttcctcctca	gtcggatcaa	caaagactgg	ctggaggggca	1260
ctgtccgggg	agccacgggc	atcttccctc	tctccttcgt	gaagatcctc	aaagacttcc	1320
ctgaggagga	cgacccacc	aactggctgc	gttgctacta	ctacgaagac	accatcagca	1380
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gtggcctccc	ctcccagaag	cgctctcttc	cctggaagct	gcacatcacg	cagaaggaca	1620
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accagcaaaa	accttcagct	ctcagaggag	attgggacca	ggaaaacctg	ggaggatggg	1740
cagacttcct	gtctttgagg	ctaattggacc	cgtggggctt	gtaatctgtc	tctttctact	1800
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<210> 7473

<211> 1944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (205)...(670)

<223> similar to gi3879017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7473

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ggtgttgggc	gccggggccc	cctcgccctg	ctcgggggag	ccagggtaaa	ggcagcagta	120
atgctaacgc	tagcaagtaa	actgaagcgt	gacgatggtc	tcaaagggtc	ccggacggca	180
gccacagcgt	ccgactcgac	tccgaggggt	tctgtgagag	acaaattgct	tgttaaagag	240
gttgacgaac	ttgaagctaa	tttaccttgt	acatgtaaag	tgcattttcc	tgatccaaac	300
aagcttcatt	gttttcagct	aacagtaacc	ccagatgagg	gttactacca	gggtggaaaa	360
tttcagtttg	aaactgaagt	tcccgatgcg	tacaacatgg	tgcctcccaa	agtgaatgc	420
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agagaacatt	caattgatgg	cactggctgg	gctcccacaa	gaacattaaa	ggatgtcggt	540
tggggattaa	actctttgtt	tactgatctt	ttgaattttg	atgatccact	gaatattgaa	600
gctgcagaac	atcatttgcg	ggacaaggag	gacttcggga	ataaagtggg	tgactacatc	660
aaacgttatg	ccagatgata	aaagggggag	attgcaggcc	catggactgt	gttacagttt	720
gtctctaaca	tgaacagca	agaggtagcc	ccctctcccc	tcctcatgct	ccctctcagt	780
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gagttgtctg	cttaccttaa	catgtttact	tttttgaact	tgtactgtat	aggctgttgg	960
tgaatttctt	aagaagttgt	aatgaactca	aaattgaggc	cagagcttgc	ttccctttt	1020
cccaaacaaa	attggttttc	tgcacaagcg	atgctaata	tgtgttcagt	gtaactcgca	1080
gattggcaat	aagatacccg	ctacaaactg	tgattggatg	caaaatctct	tagcttcttt	1140
cacgaatgtt	ggccctgcct	agatgtttgt	aagcctccca	gaatgcata	agtcattcac	1200
tgtagatctc	ttattgaaat	gcgtatttta	tttaatgtaa	gtatattttg	gaacagattt	1260
gtaatttgta	caattcaatg	ctttaattat	tttttctatt	ctcatttagt	ttgtattttc	1320
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aaatatgaaa	ggcacattat	tcattttgtc	caaattgcaat	gagaatctca	ctcttaaaaa	1440
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tatggctcca	aggccctgcc	ggctgggggt	aagcctccta	aggcccttgg	aaggaccaag	1800
gagtcaacag	tggcatatgc	catcctccgg	ccaggttaat	atactgcaga	ggaaaagccc	1860
tgaagagagg	caagtggatt	tactccagca	tgtagacatt	tgaaccagtg	aatcaaaaa	1920

caaaataaat gtctgtctag tttc

1944

<210> 7474

<211> 453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (119)...(305)

<223> similar to gi386865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7474

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actgcctgac	tgcttgttcg	tctcactggt	gtgagctcca	gcatcccctt	tgctcgaaat	120
ggaccccaac	tgctcttgcg	ccactggtgg	ctcctgcacg	tgcgccggct	cctgcaagtg	180
caaagagtgc	aaatgcacct	cctgcaagaa	gagctgctgt	tcctgctgcc	ccgtgggctg	240
tgccaagtgt	gcccagggct	gcgtctgcaa	aggggcatcg	gagaagtgca	gctgctgtgc	300
ctgatgtggg	aacagctctt	ctcccagatg	taaatagaac	aacctgcaca	acctggattt	360
ttttaaaaa	acaacactga	gccatttgct	gcatttcttt	ttatactaaa	tatgtgactg	420
acaataaaaa	caattttgac	tttaaaaaaa	aaa			453

<210> 7475

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (349)...(630)

<223> similar to gi4689116 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7475

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aggtaaagcga	aacaagccgg	gggactgcga	gccagggact	cgggccgcgg	ggcggaaga	120
agtggggcag	cgcttgcca	ggccgaaagg	actttggggg	tgggggctgg	gagtcctgt	180
ctcgaatgag	ggaggagagg	tggagttgcc	ggggctcagg	cccggcctcg	agcatgggcg	240
gatgagagga	gtcgggagcc	gaggcctatg	gtccttcggg	tgaggggaga	cggagccagc	300
gaggagatgg	agcacaagct	tgtggaggag	attcttcaag	caatcactat	gtcaacagac	360
acaggtgttt	cccttccttc	atatgaggaa	gatcagggat	caaaactcat	tcgaaaagct	420
aaagaggcac	cattcgtacc	cgttggaata	gcggtttttg	cagcaattgt	tgcatatgga	480

ttatataaac	tgaagagcag	gggaaatact	aaaatgtcca	ttcatctgat	ccacatgcgt	540
gtggcagccc	aaggctttgt	tgtaggagca	atgactgttg	gtatgggcta	ttccatgtat	600
cgggaattct	gggcaaaacc	taagccttag	aagaagagat	gctgtcttgg	tcttgttgga	660
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aagtcaagtt	aacttaaaaca	tgtcacctaa	atgcacttga	tgggtgtgaa	atgtccacct	900
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tccctgtttg	ctgcagaatg	tcagatat	tggatgttgc	ataagagtcc	tatttgcccc	1020
agttaattca	acttttgtct	gcctgttttg	tggactggct	ggctctgtta	gaactctgtc	1080
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ttatat	gctgctgata	tattagaata	atttttaaat	gtcatcttga	aatagaaata	1320
tgtatt	gcactcacgc	aaaggtaa	gaacacgttt	taaatgtgtg	tgttgcta	1380
ttttccata	agaattgtaa	acattgaact	gaacaaatta	cctataatgg	atttgggtta	1440
tgacttatga	gcaagctggg	ttggccagac	agtataccca	aacttttata	taatatacag	1500
aaggctatca	cacttggtgaa	attctctgtg	ctaactctgaa	tttgcattcc	atgggtgtta	1560
catggtatat	gtattgttat	taaagtaagt	gacccatgtc	aaaaaaaa		1610

<210> 7476

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(252)

<223> similar to gi386864 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7476

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tcgaaatgga	ccccaaactgc	tcttgcgcc	ctgggtggctc	ctgcacctgc	actggctcct	120
gcaaatgcaa	agagtgc	tgcaactcct	gcaagaagag	ctgctgctcc	tgctgcccc	180
tgagctgtgc	caagtgtgcc	cagggtgc	tctgcaaagg	ggcatcaaag	aagtgcagct	240
gctgtgcctg	atgtccggac	agccctgctc	gaagatatag	aaagagtgc	ctgcacaaac	300
ttggaatt	ttttccatac	aaccctgacc	catttactgt	atttttttta	atgaaatatg	360
tgaatgataa	taaaagttgc	tgacttaaaa				390

<210> 7477

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (976)...(194)
 <223> similar to gil237213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7477

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gtccgataac	acaagccaag	ggctgtaaaa	ttaagggttaa	atcaagactg	aatttcccgc	120
acggaccagc	aggaaagcca	gttacctaaa	agagcctaata	ccccaaatcc	gctgaagggtg	180
cagggcgggc	tcagtcccgg	ggcatcttga	actggctcct	ctccctgcgc	acggcccgcga	240
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agcctccggg	cttgctcacg	aagtaacaaa	tgtgtcctga	agtgtggcac	gggggtcgcca	660
ggcacttgac	gttcagagac	cccacctgca	gtgtggacag	gtgagtgate	ttgtgagtca	720
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cctccttggt	ctcatcatca	atgaccaggt	acatgtagtt	gtcggtcagg	gcaggcagca	960
cctctacctt	catggtgccc	tcgtccacgg	tcaggttctt	ccgcaaactc	gtgtggcaga	1020
aaactcccag	cagggctgga	cctagcgctt	tccgcaccgc	cggcccaacg	cccgtctcagc	1080
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<210> 7478
 <211> 3073
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (17)...(2844)
 <223> similar to gil019103 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7478

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aatccaggag	acgctggctg	agggggaata	ctgcgtcatc	gcggtgcaag	gtgtgtctgtg	180
tgagggggac	agccggcaga	gccgcctcct	gggactcgtg	cgctaccgcc	tggagcatgg	240
cggccaggaa	cacgctctct	tcctctatac	gcaccggagg	atggccatta	ccggggacga	300
tgtctctctg	gaccagatag	tgccagtctc	gcgggatttt	acgctggaag	aagtgtcccc	360
agatggtgaa	ctctacatcc	ttggctcaga	tgtgaccgtc	cagctggaca	cagcagagct	420
tagcctcgta	ttccaactgc	cctttgggtc	acaaaccagg	atgttctctc	acgaagttgc	480
cagggcctgt	ccaggcttcg	attctgcgac	ccgggatcct	gaattcctgt	ggctgtctctg	540

gtataggtgc	gcagagctgg	agctggagat	gccaacgccg	cgcggttgta	actcggccct	600
agttacctgg	ccagggtagc	cgacaattgg	cggaggtggt	tctaactttg	atggtttgag	660
accaaattgg	aagggagtg	ctatggacca	aagctccagg	ggtcaagata	aaccagaaaag	720
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gttttttgcg	ggaacataca	atgtaaattg	gcagtccccc	aaagaatgcc	tccggctgtg	960
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attgaaagta	gaatccttta	caattcataa	tggacaagta	ccctgtcatt	ttgaattcat	1980
caacaagcct	gatgaagagt	cttactgtaa	gcagtggctg	aatgccaaacc	ccagcagagg	2040
cttctctctg	ccagattctg	atgttgagat	tgacttggag	ctcttcgtaa	ataagatgac	2100
agctacaaag	ctcaactcgg	gtgaagacaa	aattgaggac	attctggttc	tgcacttgga	2160
caggggaaag	gattactttt	tgtctgtgtc	tgggaactac	ctgcccagct	gttttgggtc	2220
tcccattcat	acactgtgtt	acatgagaga	gccaatcttg	gacctaccac	ttgaaaccat	2280
tagtgagctg	actctgatgc	cagtatggac	tggagatgat	gggagccagt	tggatagccc	2340
catggaaatc	cccaaagagc	tctggatgat	ggttgattac	ctgtaccgaa	atgctgtcca	2400
gcaggaagat	ctgttttcagc	aaccaggcct	gaggtcagaa	tttgaacata	tcagggactg	2460
cttgataact	ggaatgattg	ataacctctc	tgccagcaat	cattctgtag	ccgaagccct	2520
gctgcttttc	ctggagagcc	ttccagagcc	tgtcatctgt	tacagcacct	accataactg	2580
cttgagtggt	tctggcaact	acacagcaag	caaacaggtc	atttctactc	tccccatatt	2640
ccacaaaaat	gtcttccact	acttgatggc	gtttttgcta	gaactgctga	aaaattcagc	2700
aaaaaatcat	ttggatgaga	atattctagc	tagcatattt	ggcagcttat	tgcttcgaaa	2760
cccagctggg	caccaaagc	ttgatatgac	agagaagaag	aaggctcaag	aatttattca	2820
ccagttcctc	tgcaaccac	tctgagcctc	tctctcctcc	tattttactt	gaggctgcca	2880
attaccagcc	ccacctgttt	cagctcaaga	gatgccttaa	gataattatg	tgaggccact	2940
tggtagcaag	aatggcagct	atttcctgag	cctagtaccc	caattaagcc	caccattggg	3000
tagcacactc	agcgtgtgta	gtcgtgaaga	cacgggagaa	aatccacat	aataaaaactg	3060
acattcaatt	ttc					3073

<210> 7479

<211> 2594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1190)...(2425)

<223> similar to gi4263748 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7479
cgcgccagcc gcgaatcgga tctctatgga gatggcctag gcgatatccc tgagctgaga      60
gcacaccctt gtccccgaat ccttctttcc tctctgtttt gtttttcatt cccctccctc    120
tctccctccc cctccagtc cactgagact ggctgttgac cctgttcagg cctcggtgaa    180
ggcttttggg tactccctt cccaccccat cccctaattt tattcttttg aagagtgcac    240
ttcaagctgc caaggtggag agagggatta cagaaaggag aacaccttat ttcagaaaag    300
gtgtaccata cctgagagca ccaggaagtc gcatgagaga tcacctgata catgaacgta    360
tgatgttcca tctgcgcatt gatgaatagg cagcatttac aaattaactg atgtgttgct    420
gtatatcatc tctttgatga ttgctcctct tctttgtatc ctgtcttata atttcaacac    480
atgtgcgata ctcaatgtct attctaaatt aacctggttt tgtaccacaa actcattgcc    540
catggatctg ttgctgaaac aaggaagtc taaacaagaa gtggaatctt tctgttatca    600
gattgtgtct gaatcaaatg atcagaaggc tgggaatatta caaagtgaag ataagcagtt    660
gcaaccttca gtttctaaaa aatcagaagg tgagctttcc aggggtcaaat ttatatccaa    720
ttccaacaaa ataacattta gtaaaaaacc aaaaagaaga aaatatgatg aaagttattt    780
gtcttttggg tttacttact tcggaaatag agatgcacct catgctcagt gtgtattatg    840
taagaaaatt ttatcaataa gctcttttag ccctagtaag cttcgaagac atttggaaac    900
taaacatgct gcatataaag acaaagacat aagctttttc aagcaacatc tcgattcacc    960
tgaaaataat aaaccccaa cactaaaaat tgtgaataca gataatgaaa gtgctacaga   1020
agcatcatat aatgtaagtt accatatagc gctgagtgga gaggtcata ctattggaga   1080
attgcttata aaaccttgtg caaaagatgt agtgatgcgg atgtttgatg aacaatatag   1140
taaaaaaata gatgcagtac agctatcaaa cagtactgtt gcacgtcgaa ttaaggatct   1200
agctgtgac attgaagaag agcttgtttg tagactgaaa atttgcgatg ggttttctact   1260
gcaactagat gaatcagctg atgtttcagg acttgcgtgt ctgcttgtgt ttgttcgtta   1320
taggtttaat aagcttattg aggaagacct actcgtgtgt gaatctttgc aaagtaatgc   1380
taccggtgaa gaaatattca actgtatcaa cagttttatg cagaaacatg aaattgaatg   1440
ggaaaaatgt gttgatgttt gtagtgatgc ttctagggga gtggatggga aaattgccga   1500
agctgtcacc ttaataaaat atgtggctcc cgaaagcacc agtagtcact gcctattata   1560
cagacatgca ctggcagtta aaataatgcc tacatctcta aaaaatgtgc tagaccaggc   1620
agtacaaatc atcaattata ttaaagctcg accacatcaa tccagactat taaaaatttt   1680
atgtgaggaa atgggtgctc agcacacagc acttcttcta aatacagagg tgaggtggct   1740
ttctcgaggt aaagtctctg taagactttt tgaacttcgt cgtgaacttt tggttttcat   1800
ggattctgct tttcgactat ctgattgttt aacaaattca tcttggtctg taagacttgc   1860
atatcttgca gatattttta ctaaattaaa tgaagttaat ttgtcaatgc aaggaaaaaa   1920
tgtgaccggt tttacagtat ttgataaaat gtcgtcattg ttaagaaaat tgggaattttg   1980
ggcctcatct gtagaagaag aaaactttga ttgttttcct acactcagtg attttttgac   2040
tgaaattaat tctacagttg ataaagatat ttgcagtgcc attgtgcagc acctaaagggg   2100
tttgcgcgct actctgttaa aatactttcc tgaacaaat gacaataatg cttgggttag   2160
aaatccattt acagttactg ttaaaccagc ttcattagta gcacgggact atgagagcct   2220
gattgattta acatctgatt ctcaagtga gcaaaatttt agtgaacttt cactaaatga   2280
tttttgagat agcctaattc aggaataccc aagcattgca aggcgtgcag tgcgtgtact   2340
tcttcctttt gctacaatgc acctgtgtga aacgggggtt tcatattacg ctgcaacaaa   2400
aacaaaatat aggaaaagac ttgatgctgc acctcatatg cgaatccgac ttagcaatat   2460
tacacctaat attaacgga tatgtgataa aaagacacaa aaacactgtt ctcatataaa   2520
ttggaggagt ttgcattgct catgataacc aaatgtaaga tgaaaataaa agatgattta   2580
cttcaaaaaa aaaa

```

<210> 7480

<211> 1938

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (82)...(1441)
<223> similar to gi5853321 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7480
agatagtaaa taatctcgga aaggcgagaa agaagctgtc tccatcttgt ctgtatccgc      60
tgctcttgtg acgttgtgga gatggggagc gtcctggggc tgtgctccat ggcgagctgg      120
ataccatgtt tgtgtggaag tgccccgtgt ttgctatgcc gatgctgtcc tagtggaac      180
aactccactg taactagatt gatctatgca ctttcttgc ttgttggagt atgtgtagct      240
tgtgtaatgt tgataccagg aatggaagaa caactgaata agattcctgg attttgtgag      300
aatgagaaag gtgttgtccc ttgtaacatt ttggttggct ataaagctgt atatcgtttg      360
tgctttgggt tggctatggt ctatcttctt ctctctttac taatgatcaa agtgaagagt      420
agcagtgate ctagagctgc agtgacacaa ggattttggt tctttaaatt tgctgcagca      480
attgcaatta ttattggggc attcttcatt ccagaaggaa cttttacaac tgtgtgggtt      540
tatgtaggca tggcaggtgc cttttgtttc atcctcatac aactagtctt acttattgat      600
tttgcacatt catggaatga atcgtgggtt gaaaaaatgg aagaaggga ctcgagatgt      660
tggtagcgag ccttgttata agctacagct ctgaattatc tgctgtcttt agttgctatc      720
gtcctgttct ttgtctacta cactcatcca gccagttggt cagaaaacaa ggcgttcac      780
agtgtcaaca tgctcctctg cgttgggtgt tctgtaatgt ctatactgcc aaaaatccaa      840
gaatcacaa caagatctgg ttgtttacag tcttcagtaa ttacagtcta cacaatgtat      900
ttgacatggt cagctatgac caatgaacca gaaacaaatt gcaaccaag tctactaagc      960
ataattggct acaatacaac aagcactgtc ccaaaggaag ggcagtcagt ccagtgggtg      1020
catgctcaag gaattatagg actaattctc tttttgttgt gtgtatttta ttccagcatc      1080
cgtacttcaa acaatagtca ggttaataaa ctgactctaa caagtgatga atctacatta      1140
atagaagatg gtggagctag aagtgatgga tcaactggagg atggggacga tgttcaccga      1200
gctgtagata atgaaaggga tgggtgtcact tacagttatt ccttctttca cttcatgctt      1260
ttcctggctt cactttatat catgatgacc cttaccaact ggtacaggta tgaacctct      1320
cgtgagatga aaagtcagtg gacagctgtc tgggtgaaaa tctcttccag ttggattggc      1380
atcgtgctgt atgtttggac actcgtggca ccacttgttc ttacaaatcg tgattttgac      1440
tgagtggagc ttctagcatg aaagtccac tttgattatt gcttatttga aaacagtatt      1500
cccaactttt gtaaagttgt gtatgttttt gcttcccatg taacttctcc agtgttctgg      1560
catgaattag attttactgc ttgtcatttt gttattttct taccaagtgc attgatatgt      1620
gaagtagaat gaattgcaga ggaaagtttt atgaatatgg tgatgagtta gtaaaagtgg      1680
ccactattgg gcttattctc tgctctatag ttgtgaaatg aagagtgaaa acaaatttgt      1740
ttgactatth taaaattata ttagacctta agctgtttta gcaagcatta aagcaaattgt      1800
atggctgcct tttgaaatat ttgatgtgtt gcctggcagg atactgcaaa gaacatgggt      1860
tattttaaaa tttataaaca agtcacttaa atgccagttg tctgaaaaat cttataaggt      1920
tttacccttg atacggaa                                     1938

```

```

<210> 7481
<211> 2031
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (249)...(1356)
 <223> similar to gi5052520 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7481
 tagaaaccag gcggcgcgtt cccggtggcg ggcgcctgga ctcccggggc cgcgcacccc 60
 cgccagcctt ccttaaggcg gatgggtggc ccccgagacc ccgtcggacc catgggtttcc 120
 agtgcagcgc ggagtgggcg atgccagcgt gccaggagcc atgtctgacc aggacgtttg 180
 gaagatcata tccatgccag aggtctctgt gaggagatga gttggtaaag agagaggctg 240
 ggatgaagat gctgccagga gtgggcgtgt ttgggaactgg cagctccgcc cgagttctgg 300
 tcccactgct gagggcagaa gggttcactg ttgaggccct gtgggggaag actgaggagg 360
 aggcgaagca gcttgctgag gagatgaaca tcgccttcta caccagccgg actgatgaca 420
 tcttgctgca tcaagatgtg gatctggtgt gcatcagcat cccccctcca ctcacccggc 480
 agatatccgt gaaggctcta ggtattggga agaattgtgt ttgcgagaag gcagcaacat 540
 cgggtggatgc cttccggatg gtgacagcct cgcgctacta cccgcagctc atgagcctgg 600
 tagggaacgt gctgcgcttc ctgcctgcct tcgtgcgcat gaaacagctg atttcggaac 660
 actatgtggg agcgggtgat atctgtgat cccgcattcta ctcaggcagc ctgctgagcc 720
 ccagctatgg ctggatctgt gatgagctca tgggcggcgg gggcttgac accatggggga 780
 cctacattgt ggacctgctg acccacctga ccggccggag agccgagaag gtgcacgggc 840
 tgctcaagac attcgtgagg cagaacgctg ccatccgtgg catccggcac gtcactagcg 900
 atgacttctg tttcttccag atgctcatgg gtgggggtgt gtgtagcaca gtgacactca 960
 acttcaacat gccaggcgcc tttgtgcatg aagtcattgt ggtaggctct gcaggacgcc 1020
 tcgtcgcccg gggagccgac ctctatgggc agaagaactc tgccacgcaa gaggagctgc 1080
 tcttgagggg ctcgctggca gtgggcgcag gactgcctga gcagggggcc caggatgtcc 1140
 cgctgctgta cctgaagggc atgggtctaca tgggtgcaggc cttgcgccag tccttccagg 1200
 ggcagggcga ccgcgcacc tgggaccgca cccctgtctc catggccgcc tccttcgagg 1260
 atgggctgta catgcagagc gtggtggatg ccatcaagag gtcgagccga tccggggagt 1320
 gggaggctgt ggaggtgctg acggaggagc ccgacaccaa ccagaacctg tgtgaggcac 1380
 ttcagcggaa caacctatga gcctgcacct gggctccttg ccacagggca gagggaccag 1440
 ggaggggaac aggagccaga catgacaggg acttggccct agcagagaca gtgtctttca 1500
 tttaatgagt ctgggtgaag ccagaggtgg ctctgggact tcgccccctc cagtggctca 1560
 tctgctcctc agacttgagc ggtggcaaat gttcctgttg ccaggttacc acggtgtgca 1620
 cagggcagag ctgccgccag gcctcctcat ggtgatgcca gtgagtcgga ccaggaaagg 1680
 ctcaccctgg ggagcccttc agcctgatcc gcagtcctaa cagggtgaga aagcacaaga 1740
 ggggccagct cggctgaggc ctgaggagaa atgatgagaa gttttgtttc gttcttgggc 1800
 tggggcatct caggaacagt gagggcaaca agctgtccct cagggaccct cacctgccct 1860
 cccatgtgac caggcccttc ccaggtgggg actggggctt gctttattaa gtgagctctt 1920
 gggcttttga agtaggacag agggccctgg tttggcagag aggaggcaag ggagggcttt 1980
 agaacatctg agaaatgtta ataaataatt cagaaaatag gaaaaaaaaa a 2031

<210> 7482
 <211> 2667
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (650)...(2072)
 <223> similar to gi493572 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7482
tcaacgctcc ggggcccgtc ggctcgcctt tcttcctctc cctttctctc ctgcttgctt 60
tcaccgctcc cccctgtctt ttcacgggtg ctggttttat tttgttggtg tatttatgcc 120
tttaggggtt ttgttccatc ggcgtcgagc tcatgggtgt acattatcat gctcttcttt 180
tgtagagcag ccgacggcca tggaggctga agagacgatg gaatgccttc aggagtcccc 240
tgaacatcat aaaatgatcc tgcaccgatt gaatgaacag cgagagcagg accgggtttac 300
tgacatcacc ctaattgtcg acggacacca ttttaaggct cacaaggctg ttttggtctg 360
ttgtagtaag ttcttctaca aattctttca ggagtttacc caagaacctt tgggtggagt 420
agaagggtgt agtaaaatgg ctttcgcca ttttaattgag ttcacatata cagcaaaatt 480
aatgatacaa ggagaagaag aagccaatga tgtatggaaa gcagcagagt ttctacaaat 540
gctagaagct atcaaagccc ttgaagtcag gaacaaagaa aactcagctc ccttagagga 600
aaataccaca ggaaaaaatg aggccaaaaa aaggaagatt gcagaaactt caaatgttat 660
cactgagtca ttgccatctg cagaatcaga acctgttgaa attgaggtag agattgccga 720
aggcaccatt gaagtggaaag atgaaggcat cgaaacatta gaggaagtgg cttctgccaa 780
gcagtcctga aagtacatac agagcacagg ttcctctgat gattctgctc tagcactggt 840
ggcagatatt accagcaagt accgtcaagg tgacagaaaa gggcagatta aagaagatgg 900
ctgtccatct gaccccacga gcaaacagggt agaagggtatt gaaattgttg aacttcagct 960
gtcacatgtg aaggacttgt tccattgtga gaaatgtaac cgttcattta aattgtttta 1020
ccattttaag gagcacatga aatcacactc cactgagagt ttcaagtgtg aaatatgcaa 1080
taaacgatat cttcgagaga gcgcattgga acagcaccta aattgttacc acctgaaga 1140
aggtggagtc agtaagaagc aaagaactgg gaaaaaaatt catgtatgtc agtactgtga 1200
gaaacagttt gaccttttg gacattttta agaacatctt cgaaaacata caggtgaaaa 1260
accttttgaa tgtccaaatt gtcatgaacg atttgctaga aatagcactc tgaaatgtca 1320
cctcactgca tgccaaactg gagtaggggc aaaaaagga aggaagaagc tctacgaatg 1380
ccaggctctg aacagtgtgt ttaacagctg ggaccagttc aaagatcact tggtaataca 1440
cactggagat aaacccaacc attgtacttt atgtgatttg tggtttatgc aaggaaatga 1500
attaaggagg catctcagtg atgtcacaa tatttcagag cgtctagtaa cggaagaagt 1560
tctttcagta gaaacacgtg tgcaaactga acctgtaaca tcaatgacta ttatagaaca 1620
agttgggaag gtgcatgtgc taccattgct tcaggttcag gtggattcag cacaagtgc 1680
tgtggaacaa gtccatccag atctgtctca ggacagccag gtgcacgatt cacacatgag 1740
tgagcttcca gagcaggctc aagtgaagta tctagaagtg ggccgaattc agactgaaga 1800
aggtactgaa gtacatgtag aggagctgca tgttgaacgg gtcaatcaaa tgccagtggg 1860
agtacaaact gaacttctag aagcagattt ggaccacgtg accccagaaa tcatgaacca 1920
agaggagaga gagtctagcc aagcagatgc tgctgaggct gccagggaag atcacgaaga 1980
tgctgaggat ttagagacca agccaacagt ggattctgaa gcagaaaagg cagagaatga 2040
ggacagaaca gctctgccag ttttagaatg aaattacaca tgaatatatt tttaaattta 2100
cttgttggtt ttttgaaactg attatgggca gtttgactgt ccttaattaa gcctaacaga 2160
caagtggacc aaagttaagc tgtttcctgt tgtgctgaac tgttgctcgt tgaaacacat 2220
tgattccctt cccctactt attgccacag aggagggatc ttttcataa ctgaagggga 2280
gttttgagaa gtatatttct ggaaacttaa atggattata ttcttattat atagtgggt 2340
acgaatgtat ctattttcat tgtggtaaaa gttcttctct ttctctttcc caggtcatgt 2400
tcttcctcaa attttttcca tattgtaaaa tcaaacttaa atcattagaa tacaagttta 2460
tgtattctaa tgcattgttag aaaattgaat aatataggaa acacaaggct gcatgatgaa 2520
aagtgcattg ttactgtgca gttaaatttt ggcttctggc tttctttagt ttgaacaaac 2580
gttcttgtct accccagtag tcacagatgc catctttgca acagaaagag tgggtggtggc 2640
aaaatttcta gaatgttaaa aaaaaaa 2667

```

<210> 7483

```

<211> 1714
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(728)
<223> similar to gi5514631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7483
ctggggctcg ccgtaacgt ggtcaccacg ctcggtgtca tctcctactg tcccacggcc      60
accgaagagg caccatactg gacatacctt ttatgtgcac tgggactttt tatttaccag      120
tactggatg ctattgatgg gaaacaagcc agaagaacaa actcttggtc ccctttaggg      180
gagctctttg accatggctg tgactctctt tccacagtat ttatggcagt gggagcttca      240
attgccgctc gcttaggaac ttatcctgac tgggtttttt cctgctcttt tattgggatg      300
tttgtgtttt attgcgctca ttggcagact tatgtttcag gcatgttgag atttggaata      360
gtggatgtaa ctgaaattca gatagcttta gtgattgtct ttgtgttggtc tgcatttgga      420
ggagcaacaa tgtgggacta tacgattcct attctagaaa taaaattgaa gatccttcca      480
gttcttggtt ttctaggtgg agtaatat ttctgttcaa attatttcca tgttatcctc      540
catggtggtg ttggcaagaa tggatccact atagcaggca ccagtgtctt gtcacctgga      600
ctccacatag gactaattat tatactggca ataataatct ataaaaagtc agcaactgat      660
gtgtttgaaa agcatccttg tctttatata ctaatgtttg gatgtgtctt tgctaaagtc      720
tcacaaaaat tagtggtagc tcacatgacc aaaagtgaac tatactctca agacactgtc      780
tttttggggc caggtccttt gtttttagac cagtacttta ataattttat agacgaatat      840
gttggtctat ggtggcaat ggtgatttct tcatttgata tggatgataa ctttagtgct      900
ttgtgcctgc aaatttcaag acaccttcat ctaaatatat tcaagactgc atgtcatcaa      960
gcacctgaac aggttcaagt tctttcttca aagagtcata agaataacat ggattgaaga     1020
gacttccgaa cacttgctat ctcttgctgc tgctgtttca tggaggaga tattaacat      1080
ttgtttaatt tttatttaag tgttatacct atttcagcaa ataaaatatt tcattgctta     1140
tattaatcct tattttttca atttcaatat gatcacttac agtttccatc ataatttttt     1200
tttgcaacat agccatttct tttttaaatt cattttgtgc accagtaagt agattatcat     1260
gattcttctc caactcttcc atactctaaa aacacaaaag acaagttaag ttacaaagga     1320
ccacttttca tctcaggttc taaacttgta caattaattt tcaaaagtag taatttttga     1380
atattcaaat gctcatctat ttgaaataaa aatattctaa gtaatacatg aataccaaaa     1440
tacctactaa aaaagaaaaa atataagaca tgaataaaat gttataggaa gtacaatgta     1500
gtatactttg cccaaaatgg gtttcctgaa ctgttaaggt caagataaaa aagactggaa     1560
gtcccacatc agtaaaaacc atttctatta agctttccaa atatcaagca ataactact     1620
tatgactaat agtgtgccat gaattcacta gaggaataaa aataatctat agtacaacct     1680
ctttcacatt atgaaaaata aaaattatgt cttta                                     1714

```

```

<210> 7484
<211> 1211
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (159)...(755)
<223> similar to gi5815353 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```
<400> 7484
gatgacatct ggtgtattga ctgtggccag tcttaaagct agtttttgct atgtggaaca    60
tgctgctcta attcagattt aaagagtttc ttctgttaa ttcgaagctc actgtgcctc    120
ttgtttccga ggggaagaagg actgattaag tcatctaaat ggatgcaata ctgaattaca    180
ggtcagaaga tactgaagat tactacacat tactgggatg tgatgaacta tcttcggttg    240
aacaaatcct ggcagaattt aaagtcagag ctctggaatg tcaccagac aagcatcctg    300
aaaaccccaa agctgtggag acttttcaga aactgcagaa ggcaaaggag attctgacca    360
atgaagagag tcgagcccg c tatgaccact ggcgaaggag ccagatgtcg atgccattcc    420
agcagtggga agctttgaat gactcagtga agacgtcaat gcaactgggtt gtcagaggta    480
aaaaagacct gatgctggaa gaatctgaca agactcatac caccaagatg gaaaatgagg    540
aatgtaatga gcaaagagaa agaaagaaaag aggagctggc ttcaaccgca gagaaaacgg    600
agcagaaaga acccaagccc ctagagaagt cagtctcccc gcaaaaattca gattcttcag    660
gttttgcaga tgtgaatggt tggcaccttc gtttccgctg gtccaaggat gctccctcag    720
aactcctgag gaagttcaga aactatgaaa tatgaaatat ctctgcttca aaaaatgagg    780
aagagcaaga ctgtccccta tgctgccaac atgcagtctt tgtttatgtc ttaaaaatgt    840
catgtttatg tcatgtctgt gaattgctga gtactaattg attcctccat ccttgaatca    900
gttctcataa tgctttttta ataagaaaaa ttcagaagat gaatttcttc caatatttga    960
ataaattaaa gctcttagat acagagtaga ttgtattata tgctttttcc tattaatact   1020
acttatagaa atccattaaa aagcaatctc tgtacagtgt atttaaatat ttcattgaca   1080
tactgtgatc tctattagtg atggatgtac aaaaaatgtt tttttaccct tgacttacaa   1140
tgaaatgtga aattacttgt ttgaaccccg tggggagaaa taaataattt tcccaaagtt   1200
caaaaaaaaa a                                     1211
```

<210> 7485

<211> 1630

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1120)...(825)

<223> similar to gill154645 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 7485
tttttttttt ttttgcagc ctttgtcaga aaatatattt attattgata gtgagtgaag    60
taaagatgtg agtattcact atagagggtt tatcagccaa ggttgccctc atattgataa    120
aaatacctta tctcacttgt aatcataaac attattccag tagaagagggt acattttctc    180
tcctttttgt cttcttgccg gtataatcac cataataagt tataatgaaa tagctcttac    240
ataatcaaag gagaaaagaa agacaaaacc aacatgccac agcctagaca attccatcca    300
gcaactgctc ctccagatct gttttctggc tctctccacc cagcactgct gccctcggat    360
ctatgttttc tggctctctc ctgcgccac tccaattaat ttagccccc accccatcct    420
actttgttag ggtggagggt caccaaata tggggcttgt tcagaagaga aacattttat    480
ggtcagtga agttgaatag aaagtaccaa aagggtggaga gggctgcctc tctcttttaa    540
tcatcataag aggggttact aatactcaag agtgtccttt aatgactgat ccctgatcaa    600
```

ggctttggcc	cttcaaactg	ctgctgttca	aaacgtgaaa	tgattctgct	gaatccattc	660
ttgatgtctc	tcttttagtg	tcttctcatt	agtggctctc	tcttcaaata	ggttgttttc	720
tactaggaaa	aaaaaatgtt	ccatctctgg	aattaacgtt	gatgggtgtt	tgtcattctc	780
gaaagttttt	atcctccctt	ctcaagcatg	ctctgtttgg	catgattgac	acagtgcata	840
tactgggtgg	ccagagcgga	gcatttgagg	gtctgggtgg	tgttctcacg	gtaacactga	900
agaatttttg	cctgcagatc	agcacagact	ggatgagact	catatcgctt	gaactttgct	960
tccacctctt	cagcagcttt	ctgatattgt	tcagtgggtga	ctctgtagaa	ctctgagctc	1020
ctctcctcca	gtctagccag	ctgttctttg	tagaatgcat	cctgcttctt	tagcactcgg	1080
tctttctctt	ccagctgcct	agccaggtgc	tttgcttag	cgcgttcctc	ctcgctacat	1140
atcctctccc	gaaggatggc	tctggttaac	tgctcattgg	cagcagccct	ctctcgggtc	1200
agctcttttg	cttgcttttag	tcgtttctga	tcttcggatt	ctttcttggc	ttgctccaat	1260
gccagctcct	cagctactct	tcttttcaat	tcttcatcag	aaactgaggc	accataagca	1320
ccagaatacc	gctgagactt	cgaaccagat	ggagaggatt	ccttcattcg	atcaatcaca	1380
ttttccgaaa	gccggatgcc	cttcaccacg	gtgatgttct	cattctcgtc	cgcctcgaag	1440
gtgacccggc	gggtgctggg	gggtccaccc	atgattccgg	ttcctgcccc	agcggagacc	1500
tagcggggaa	ccacgagcac	ttcggggccc	ccgcacccac	acgcgcgtgg	aagggcctgg	1560
attcttttcc	cgcacagcgg	gagcaaggcc	acgaccccca	gaagcaagga	gaaggcgccg	1620
gtccacgaaa						1630

<210> 7486

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (156)...(840)

<223> similar to gil373214 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7486

gcggccgctc	caacatgtta	ccattctgat	gttggagccg	gttagcgaac	ccaagagtg	60
cagagtgtgg	agcgtggagc	gccgggactg	tgacgcttg	accggaagcc	cagaccagtg	120
cggtcctagc	cagagagaaa	ggacatttgc	caacaatgag	acacgaagcg	cccatgcaga	180
tggcctctgc	ccaagatgcc	aggtacggcc	agaaagactc	ctctgatcag	aactttgact	240
acatgttcaa	attactcatc	atcggcaata	gcagtgtggg	gaaaacatct	tttctattcc	300
gttatgcaga	tgactccttt	acatctgcat	tcgtcagcac	agttgggatc	gatttcaaag	360
taaaaactgt	attcaaaaat	gaaaagagaa	tcaagcttca	gatttgggac	acagcaggcc	420
aggaaagata	caggactatc	accacagcct	attatcgtgg	agccatgggc	tttattttaa	480
tgatgacat	tacaaatgaa	gaatccttca	atgcagtaca	agatttgtca	actcaaatca	540
aaacatactc	ttgggacaat	gcccaagtta	ttctggttgg	gaacaagtgt	gacatggaag	600
acgagcgggt	catctcaact	gagcgaggtc	aacatttagg	agaacagctt	gggtttgagt	660
tttttgaaac	aagtgccaa	gacaacatta	atgtcaagca	gacatttgag	cgccttggtg	720
atatcatctg	cgacaaaatg	tcagagagtt	tggagactga	tcctgccatc	actgctgcaa	780
agcagaacac	gagactcaag	gaaactcctc	ctccaccgca	gcccaactgt	gcctgttagt	840
gtccccgtgc	acacaggcag	ctccaggggg	ctctggttgc	caacaaacag	catttgtaaa	900
tggtctatta	gccttcattt	atactgccta	acaattattt	gaaggaataa	attgatgtca	960
atggctcgt						969

<210> 7487
 <211> 1984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (1355)...(733)
 <223> similar to gi4587775 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7487

aaagtgtgag	attcaggcac	gagccaccgc	accctgcctg	gaaaagtact	tcttaaaggg	60
aaggcaagaa	aaggggtgaaa	aaaagaaaaa	gattctccag	tgggtgaaaat	ttgggtataa	120
gcaccaagta	ggaggacacg	tgtggggaaa	ggatcagggg	aaagggctct	caaagccagc	180
cattcagact	tcacccagtg	agggcccagt	gcagccccc	aactgatgtt	tcagctccca	240
gcctacctga	acctgcccag	gggccagggg	tggccagcac	agcatcccca	ggggactcta	300
gtgccaaaat	ggccatacag	tcattgccc	tccacatcca	tcattcccaa	caaagaactc	360
cagccccaaa	gtgctcgtaa	caaagaaatt	ttaatgcata	aggcacagt	agaggctgga	420
atcattaagc	atcctcaaac	acaaagggcc	cagcaggctg	agcaaaagaa	cagagacact	480
ctccctcact	accactgggc	gccctggaca	gtcccctgag	gagtaggggg	catccagctc	540
ttggcacggt	gcctgggggc	aggaagtgc	tagcatgatc	ccagctaccc	ctctgtggga	600
atactgccac	caagaggcag	ctctttggtc	tggataaagt	cagtgcacaa	gtccaggggt	660
caagctctgg	aggaatgagg	gtggcacagt	gccctagggc	tgggcagtct	ctgaacagtc	720
tcctcagccc	tcattgggcaa	catgtgggct	tcttcttgct	ggcagttagg	tagaggttgc	780
tgatcatcact	gttgatgcgg	acaacatccc	caatgcgtcg	agcccccgat	ttctccagct	840
cagccagcac	attggcctca	aaggtcagtg	ctgccacacg	gaagaagaat	tctcggacat	900
tctcaccagt	gagagatgag	actgcccagt	actcagcctt	catctcctgg	gccacctgga	960
gggcgtcttt	ctccatcagc	gcatactgag	caggggtact	cagatccttc	ttggaacct	1020
caaggaagag	aagcacactg	gaaggggtcat	tctccttcag	ggcatcggcc	agccactgct	1080
tggatgttgc	cagagatgcc	acatcattca	ggttgaagac	aatgatgatg	gcttgagctc	1140
ctctatagta	ggttgatgca	atgcatttga	acctctcctg	cccagcggta	tcccaaagct	1200
gcaaaactgaa	gggaatgcc	agcacctcaa	atcgttccat	ctcgaagtcc	actccaatgg	1260
tggccttgta	attcttatca	aaggtgtcct	tgcagaacct	attaatgagg	caagtcttcc	1320
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cctccttcct	caggcactgg	ggcagctccg	ccaggacgcg	atccctccgc	acgggtgcca	1500
gaatgttcat	cctgcctgcg	gccttgacag	gcgccccagc	cgaattgggtg	atggggaatc	1560
ggagactgct	gcgcagcatc	tggcgatgcc	aggaaccagc	aggagaggga	aagggggaga	1620
gaagggggccc	aaggagaggg	ggcgcttccc	tcctcaactc	caggcctggg	aggtgactca	1680
tagagtctgc	cccctctcgc	ccttctgccc	tgggaggtcg	ggggtgagga	tgggtggagg	1740
gaagcgtagc	aaggggggtgc	caggggttaga	atgaggtgcc	caccgaggag	agagagctct	1800
gaagtctggc	gtcttttcct	tcaaggctgc	tgtgtacatt	gtgaggcggg	agggctgaag	1860
atcaagttcc	ctcgaggggag	gttaaagaat	ggctaattgg	acccggatac	tctgctcttc	1920
ggggagcgct	ccgctctggg	aggacgggac	tcccctctgg	catggcggtt	cattgctctg	1980
gccc						1984


```

<210> 7488
<211> 1286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (213)...(1055)
<223> similar to gi457372 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7488
acactcgaac ctcatacgcc agcttggcac gaggcgcgat gtggagtggc cgtaagctgg      60
gctcctccgg ggggttggtt ttaagagtgc tggggcctgg aggctgtaat acaaaagctg     120
cgcgctccctt aatttcctcg gcggtttatg tgaagaacca gctcagtggg actctacaga     180
ttaaaccagg ggttttcaat gaatacagaa ccatatgggtt caaatcctac aggacgatct     240
tttcctgttt gaacagaata aagagtttca ggtacccttg ggcgagactg tacagtactt     300
cccaaaccac tgtcgacagc ggtgaggtaa aaaccttctt ggccctggct cacaaatggt     360
gggatgaaca aggagtatat gcacctcttc attccatgaa tgacctgagg gtgccattta     420
ttagggacaa tcttctgaaa acaattccta atcaccagcc aggaaaacct ttggtgggga     480
tgaagattct tgacgttggc tgtggtggtg ggctgttaac tgaacctcta gggcggttgg     540
gggcttcagt tattggaatc gacctgtggg atgagaacat taaaacagca caatgccata     600
aatcatttga tccagtcctg gataagagaa tagagtacag agtgtgttcc ctggaagaga     660
ttgtggaaga gactgcagaa acatttgatg ctggtgtagc ttctgaagtt gtagaacatg     720
tgattgatct agaaacattt ttacagtgct gctgtcaagt gttaaaaccc ggtgggttctt     780
tattcattac tacaatcaac aaaacacaac tttcctatgc cttgggaatt gtttttccag     840
agcaaattgc aggtattgta ccaaaggtta ctcatacatg ggagaagttt gtttcacctg     900
aaacactaga gagcattctg gaatcaaatg gtctgtcagt tcaaacagtg gtaggaatgc     960
tctataaccc cttctcaggt tactggcatt ggagtgaata taccagcctt aactatgcag    1020
ctcatgctgt gaaatccagg gtccaggaac acccagccct ctgctgagtt tgttttaaag    1080
ggagaaacag aagagctcca agctaatgcc tgcaccaatc cagctgtgca tgaaaagctg    1140
aagaaatgaa ttgtttctga gaactatagt aatatggctt ggatatctga tgttttcaaa    1200
tacaagaaat gtacaattta tcctttgaga gagaatcatg aagaaaagaa ggtcaataaa    1260
aagggtctaaa accttgaaaa aaaaaa                                1286

```

```

<210> 7489
<211> 1987
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (756)...(569)
<223> similar to gil70454 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7489

```

gcggccgcag	cccacccccca	ctgctgttcg	aatcaagcag	gaacccttg	actaggccct	60
gcttcagtgc	ccacctgggc	ccccccagg	acctggaac	agtgtggg	agttctgct	120
gtgtatactt	ggccgtgggc	atgagaccga	gggtgaggct	ggagggcca	aagctggccc	180
agcgagcacc	aggggtcccag	gtgtcatggc	aacagaacgt	gggatgctgg	aggcatgct	240
gcagaaggac	tggtgatgcg	acccaaagat	acagcgggtg	gatctctgct	gccagctctc	300
ccagccccctc	agcttcgcag	cctggcgcag	catcctctga	ggccccgggg	cctgttgggg	360
cgggggttga	agagccgtct	gcagctactt	cagaggagct	gtttatccct	ctccacgcgg	420
ggcagactct	ggcgggtctc	ctagcgtccg	agagatggct	tattttctac	agtatttaaa	480
atggatgcag	ccctaactgc	aaaagtcaga	gaggctgaca	aggaccaatg	cttctttatc	540
tggtgctcag	ttctcagtca	gacgtgcagc	atggctgcag	ggtggaccag	ctgcctggca	600
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agggctgctg	ggaggagagt	gggtggggcc	tgagggtgga	gtgattctgt	aaccacctga	720
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ctcccgttcg	gaccagcctc	agggctgcac	gttacctcag	gaatgggccc	caccatgaag	900
gggcccctct	gtcagcagcg	tcttctaggt	ccccagctca	gggagccatc	cccagctcca	960
gttttctcat	gcgaatatgc	acagttttaa	ttcacgttgt	tacactagcc	tgccgatgag	1020
accagacac	aggcagacct	ggcgtctctg	acccctgatt	ccagtgagga	ctggccctga	1080
ggagtccttg	cagacctgct	gcctgccccca	cgacaggccc	aaagatggac	ccccctggc	1140
cttgtgacag	ctccccaagt	gttctccggt	ggagaaactg	cagaggactg	gtgggcgggg	1200
ctccccagcc	atcaccatcc	tgtgtacaat	ggctgtagac	ttgtatatgg	ctcctttaat	1260
attgtaaaga	tgctgatgta	caattgtcgt	gcatttgtgt	gaacacattg	cgttcccagt	1320
ccatgccata	aatgatgctc	tcaagcaaaa	gactggaggc	tctgtcctgt	gcagaagcag	1380
cagccagact	cccgcattcg	atgttgtgca	gggaggtttg	ggggcggaac	ggattcctcc	1440
cttgatcct	tcagttccca	tcgaggaata	acccgcagca	gtgggtggagg	aaggtcagtg	1500
gctgggtcct	gagcttggtg	ttatttattg	catttggttg	cctgtcccct	cagggcagca	1560
cagattctga	attctgattc	acagtcctta	gccagatggg	aactgggaaa	gagacagaag	1620
gcgtctgggt	gcttttgaa	cctgtctcaa	atgtttggga	ttttctctct	cactattctt	1680
tgggtgggga	tgatgtcctc	tttagacccc	cacgtaatgg	tatgagaagg	tggcaggcag	1740
tggctcagcc	agccaggggg	gcaccaagtc	atgcagccag	cgtgagacct	gcagttcacc	1800
taagcacaga	acgagatctc	agtatgcctc	catgtaaac	gattcacata	ggcctccaat	1860
ttcaatgaga	ccttttgcat	ttgttctcag	agcccttatg	ttctaacc	tgagaacat	1920
ttacctgcc	ctctaagggc	caccagcttc	gacctgcctc	aggggacagc	agcacaggac	1980
cagtggc						1987

<210> 7490

<211> 1931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(714)

<223> similar to gi5441952 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7490

tttcgtcgca	gctggaacct	ccggctgtca	gtgcgcttac	agttcctaac	cccgacctg	60
cgcgagccc	gcactatggc	agccccgccg	cagctaagg	ctctgtcgt	agtcgtcaac	120
gcactgctgc	gcaagcgccg	ctaccacgct	gcgttgccg	tgcttaagg	cttcgggaac	180

ggggctgtct	atggagccaa	aatccgggccc	cctcacgcgc	tggatcatgac	ctttctcttc	240
cggaaatggca	gcctccagga	gaagctgtgg	gccatactgc	aggccacata	tatccactcc	300
tggaaacctgg	cacggtttgt	gttcacctac	aagggtctcc	gtgccctgca	gtccctacata	360
caaggcaaga	cctacccagc	acacgcattc	ctggcggcct	tccctggggg	tatcctggtg	420
tttgagagaaa	acaataacat	caacagccag	atcaacatgt	acctgttgtc	acgcgtcctg	480
tttgccctga	gccgcctggc	tgtagagaag	ggctacatcc	ctgaaccacg	gtgggacccg	540
ttcccgtgc	tactgcggg	gggtgtgggg	ctgggtgctgt	ggctctttga	gtatcaccca	600
tccacctgc	agccctcgct	gcagtcctcc	atgacctacc	tctatgagga	cagcaatgta	660
tggcacgaca	tctcagactt	cctcatctat	aacaagagcc	gtccctccaa	ttaatgcagc	720
cctgaggtgt	ctggctgtgg	ctcaagattt	ggcccatg	agaccctccc	aaaggatact	780
gccttctcaa	gatcataggc	ctcagactcc	aactggtgtt	atcccagggt	tctgtttgct	840
gaagtaaaaa	cactgatttt	aaaatccag	tgggtacctt	tgtatggtgg	cacaagtggc	900
cgaatcaggc	tgaggaatct	acggcttggg	tccagctgtg	cagctgactt	ctgtgagact	960
ggggccagcc	acactactct	ctaggcctca	gggggtcaagg	agctcagagg	agggccctga	1020
ggtctctttc	cgggtgggta	tgttcattcc	ttcaactgtt	ccttatgtca	cagagggctc	1080
cttgccctgg	gggcagtggg	ttgtaaatac	tttttaaaaa	acactaagtt	ccttatcctc	1140
agatgctgtt	ctactggaga	agttcctaga	ttcccactgt	cccaatagaa	acacgtgagc	1200
ccatatatgt	aattaaaatg	tttctagtag	ctgcattaca	aaaaagaagc	ctgggcactg	1260
tggctcactc	cctgtaatct	cagaactttg	ggaggtctga	ggcaggtgga	tgcacttgag	1320
ctcaggagct	tgagaccagc	ctgggcaaca	tgggtgaaacc	cagtttctac	aaaaaatata	1380
aaaaattagc	cgggttccat	cacctgtggt	tccagctgag	gtgggaggat	cacttgagcc	1440
tatgaggtcg	aggctacagt	gagcaaagat	cacgccactg	cactccagcc	tgggcgacag	1500
tgagaccctg	tctcaccaaa	gaaaaaaaaa	aggggagatt	aatcttctact	atatatttta	1560
acacaaatct	ctaaaagtta	tttcaacata	taattaacat	cattagatat	tttgtactct	1620
tttttgtatt	aagtattcaa	aattgggtgt	atattttgcc	accacattt	tcaggaccca	1680
gtagccacat	gtggctagt	gctgctgtga	cgggcaacac	agatatggaa	cacttgatc	1740
ctcacagatt	attctagtgg	acagtgcaga	tctagagcta	gaggacatgg	gtttgagtc	1800
ccactcccc	actgtgtaac	cttggggaag	gttctggacc	tctcagagcc	tcaatttatc	1860
ataaaatgag	gataatcata	atgccgtggg	cctcactgga	cttgtgcaac	taccactgat	1920
gtgctactaa	t					1931

<210> 7491

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (97)...(718)

<223> similar to gi4886445 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7491

ggggcggtag	cgggccgggc	ctgggaacgt	ggctggttg	aggaggtaga	tcaccctttc	60
tgcgggggac	gatttcgtcg	gtggtaggct	gctaccatga	ggttgaatca	aaacaccttg	120
ctgctgggga	agaaggtggg	ccttgtaccc	tacacctcgg	agcatgtgcc	cagcaggtac	180
cacgagtggg	tgaaatcaga	ggagctgcag	cgtttgacag	cctcggagcc	gctgaccctg	240
gagcaggagt	atgccatgca	gtgcagctgg	caggaagatg	cagacaagtg	taccttcatt	300
gtgctggatg	ccgagaagtg	gcaggcccg	ccaggcgcca	ccgaagagag	ctgcatgggtg	360
ggagatgtga	acctcttcct	cacagatcta	gaagacctca	ccttggggga	gatcgagggtc	420

atgattgcag	agcccagctg	caggggtaag	ggccttggca	ctgaggccgt	tctcgcgatg	480
ctgtcttacg	gagtgaccac	gctaggtctg	accaagtttg	aggctaaaat	tgggcaagga	540
aatgaaccaa	gcatccggat	gttccagaaa	cttcactttg	agcaggtggc	tacgagcagt	600
gtttttcagg	aggtgaccct	cagactgaca	gtgagtgagt	ccgagcatca	gtggcttctg	660
gagcagacca	gccacgtgga	agagaagcct	tacagagatg	ggtcggcaga	gccctgctga	720
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aggtgctgcc	ctggctggga	gtgaagctcc	aggcactacc	agctttcctg	attttcccgt	1140
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<210> 7492

<211> 3032

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (192)...(1109)

<223> similar to gi5531815 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7492

gcgccgcgcg	ggtctggcgg	gaccggtttg	gaagactttg	ccggcctgca	gattggcctt	60
aagagaagga	cggagccaca	tactgctgac	ggcccagaac	tggcagagag	aaggttgcc	120
tggctgctgt	tgacagtttc	tacctcttgt	acagggaaat	cgccaggtct	tgcaattgct	180
atatggaagc	tctagctttg	gttggagcct	ggatatacgg	cagaaaaagc	atcactgtca	240
tctgtgactt	ttacagcctg	atcaggctgc	attttatccc	ccgcctgggg	agcagagcag	300
acttgatcaa	gcagtatgga	agatgggccc	ttgtcagcgg	tgcaacagat	gggattggaa	360
aagcctacgc	tgaagagtta	gcaagccgag	gtctcaatat	aatcctgatt	agtcggaacg	420
aggagaagtt	gcaggttggt	gctaaagaca	tagccgacac	gtacaaagt	gaaactgata	480
ttatagttgc	ggacttcagc	agcggctcgt	agatctacct	tccaattcga	gaagccctga	540
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tcacgatctc	ttctggctcc	tgctgcaaac	ccactcctca	gctggctgca	ttttctgctt	780
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caactcctgg	gaacctcgat	attctgacat	ttggaaaaac	acatttaatt	tatctcctgt	1200

gtttcattgc	tgattattca	gcatactggt	gattcgatcat	ttgcaaaaca	cacataatac	1260
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gaaacctgca	gtcatctttt	gatttataag	gcaattcttg	tggataaata	gtgatttctc	1980
agcctctgac	ccattttata	actgaaat	agccctttag	agcttggtat	atctgggttt	2040
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tgcccatgac	attgcctaca	ggatttccag	atgtgacttg	cactcagaag	atcagtggtc	2580
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atgtaaac	ctctccttg	caggacatgg	gcaaacatgc	tgattgggtgc	aaatgtgggtg	2940
ccgagctgtc	catagctgca	gtgaaagatg	aagagcaaga	ccttctctag	gttttctagc	3000
tttcattaaa	tgtatttttt	tccccagaaa	aa			3032

<210> 7493

<211> 1431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1189)...(661)

<223> similar to gi2226414 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7493

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atttcattta	atacttgaat	aacaaggaaa	ttcacaaat	aggctgaaat	actgttcata	180
ttattgtgta	tttctaagca	tgttatttta	agcttgtgta	ttttaaacca	tggttacaga	240
attgtatagg	aatatattga	aggcataacc	ttatattttat	tgggaattttg	gtttaattgt	300
ttagaatttc	aaaatagtat	tgggatgtga	aacaggatga	ttatcactct	gataacaaca	360

agactgaact	gagtccttca	ctgtattttt	ctaaagaact	cacttctagt	gagtaagtgt	420
tcaataacat	aaagttagga	aatctttatg	ttattaaaaat	ttgaattttt	ctttcactgt	480
atcccaatat	tttaaataatg	cgcttcagga	catttccagt	taaaataaaa	gtttaaataa	540
tatcctcact	acattaaaaa	taagatcttt	aagtaaactg	atttccaaat	catattgtca	600
ttgtgcactg	aagttaattc	tctgaagact	aaattatatg	caattgaggt	tctgtttccc	660
ttctaaacgt	tcctttacta	atttttccaa	agcgaaaaga	tgctcatctg	cttcttctgg	720
cacaagggttc	ctaatagaat	ttgcaagttc	aaaaagatat	tctgtatttc	ttccacttgg	780
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gctgccctgc	cagaagcgcc	tgctgtagtt	ggtgatgtat	ccgaccagct	tgtcctgata	1140
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cctctgcccc	agtggccgtg	aaccctagct	gtcgcgcgcg	cgccggggac	tgaagcctcc	1260
ggtaagcgag	taaccggccg	cgcggggcgc	aggcgcgatg	gccacttggg	gcgcaaagcg	1320
cactgggagt	ttagatccag	aaagattttc	cgagcggatc	tcagtcagct	ttattttatt	1380
tccttgatta	gggtgtcaag	aggcattgac	cttcggtgta	gtaagcaatg	g	1431

<210> 7494

<211> 1702

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (957)...(392)

<223> similar to gi733605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7494

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gcattagttg	tttaaattta	atttaagcca	tgcttaaata	gaatacatat	aaaatatgat	120
tacttatatt	ccttttgacc	aaagagctga	aaattttgtg	ttccagttca	tcttactcat	180
gttattctga	tgcgaaacac	tctaaatgca	aattgttttg	aaagtaaata	ggccaagtgg	240
cctaccctgc	cctttttata	gtataaatc	tgtgatactg	ccttcttttc	agtatatgct	300
cctctgtggg	cctttggcct	acacggagac	catcagctac	aacgcatggc	agtcagcttc	360
agagtccctg	ctccagtgtg	catctcgttt	ctcagccaca	agtttgatga	attgagagtg	420
actggcataa	agcttcagtt	tatcattgat	gtccacccat	ttcacttttc	cagcatcatc	480
tccagcttct	agcataagat	tatccattat	ctcacctgtt	tcgtcatggg	agttcacagc	540
ttctgtctcc	atccatgcat	tatcagtgtt	tcgaggatca	tcaacatatc	ccttatatat	600
cactaggtgg	tcttggctga	agagtgtgtg	caacttttcc	tctattttct	tcttctcagc	660
actggttttc	tgtaaggagt	tgagagcttc	ctcaccaaata	tctcttttca	gtgtggcact	720
aatcttctct	cctggatcca	ccatcccccc	tgggattgcc	cattctccac	agtctttcct	780
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ttcaatctca	tacaggccat	tcttgctctt	tctctcaaca	tgcccatcct	tttcggtaaa	1020
cttggggagaa	aaattacttt	cactgatctg	aggatctgcc	cacctgggtc	cagccaagac	1080
agagactgca	gtgtattcca	caggcttata	gtcttgccac	tcaacaagcc	agccactttt	1140

ctcattagga	acctggcttc	gttcaacttt	tgaacctggg	taaggagacg	tccgagcctt	1200
attgtgagaa	ttttcttttg	aaccattaga	accagacatg	acgttggtat	taagatgaaa	1260
ccaagaagat	gaaaacgagt	ttctgaacgc	ctggatgccg	cggcagcgcg	aggacctgat	1320
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ccgcctcccc	acaccccaca	gctccgagtc	ccggccgcgg	gtatctgatg	ggcactagga	1500
cctgtctgcc	gttgggttcc	cgaacgggag	tagctgtgcc	tatctataaa	tcacagatca	1560
agagccctcc	cacgataaga	gtccaccgct	ttccccagtg	catcgagaaa	aatccagacc	1620
agcacgtgac	gccgaagcct	ccagcgccag	ctgcctgggg	aaaccgcggc	cacgaacctc	1680
gtaactttct	ctcaggaaat	cg				1702

<210> 7495

<211> 3018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2845)...(1723)

<223> similar to gi37265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7495

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agggttattc	tgaatgtcta	tgaagtgttt	taaatatggg	acattttaat	gaggttatat	180
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aaaattttta	ttttgattga	tttctcaatg	tatagttcag	tataatgcca	gtttttaatg	300
gcaaaaattt	ggttccactg	aaactccata	atgctacaga	gagctactac	tttttcagg	360
aagtaggtta	acagctagaa	agaaaaagga	caatttccta	gcagcatggc	aacttaaaact	420
gcagatctaa	taggtctgca	actttttacac	taaaaatggc	acaaacagct	ggtgacacaa	480
gtgagaaatg	gggaacaaga	tgtgaacact	gaaaagaaca	atatatatac	tgtaaatatg	540
atgaataaac	caaatgtagc	tataagaatc	ttaaaggatg	attatagaaa	aggaaccaa	600
atattttcct	caaatgcttt	ttagagcctt	tctgtagcga	tacaaatata	tatatatata	660
tttatccaaa	aatatgtttt	atacagataa	atgtttctca	attaaagatg	ggaccaaagc	720
tatagggtata	acataaagca	cattgtcctt	tgtaagacta	tttatccacc	tgaattttca	780
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tagatataaa	tcaagtaggc	attatgtttt	aaaagtgttt	gcagggttaa	cttttctaag	900
atgctgtgca	tattaaactt	attatgagcc	ccattaagaa	tcattattaa	taaacatatc	960
aaaaagggct	atatgtcaga	ttttcctggt	catagtaa	attttctgat	ttccagttta	1020
caagtattga	aaatgcacaa	gaaagatttt	acttcacaag	tacttttaag	aatatacttt	1080
gatttaatat	gtatgttagt	aaaactccac	gtgttgtaac	cattattatg	tttttgtttt	1140
taaaatgggg	atgtaatact	aataaccact	acctataaaa	taaagcacac	aattgttccg	1200
gtgattttac	aaatcttttt	ttccaggtgt	aaagtctaca	aaaattccaa	aaaattagag	1260
aacactgaaa	acataattaaa	gtttgacatc	caactttata	gtattttccat	gttaccctga	1320
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ctccccctcaa	atgcccttta	aaaaaatgca	tgaaaccgta	caatagcaaa	aatcaaagag	1620

cacagactgt	attttcaaga	acagaaaaat	ctctaattgct	gaaagatata	gtagaaagca	1680
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agtactgaaa	tccagcttct	gattttctgc	tcttgcaagg	ccaaaaccaa	cagtcagtac	2040
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aaaataatgt	agcaccagaa	gaacaagtcc	tagatgattc	aagttcaaaa	ggtaagctcc	2220
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acggccccgc	tgcagccgct	cgctggggct	tcacttccca	tcccacagcc	agtacgcagc	3000
cgccggggccg	cccggggg					3018

<210> 7496

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (581)...(180)

<223> similar to gi23398 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7496

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aggataaagg	gctgatacag	gactcggctc	cgggggcagg	gcgaggaatg	gaagttggag	120
tacgtgggat	acaggtcatg	ggcagagctc	ctggcctcag	tgatgcctcc	tgatctatcc	180
ataggcctgg	aagatcagca	ctgggatgac	gatgagcaga	atggtcatga	ggatgccag	240
aatcagggcc	cagatgttca	ggcacttggc	ggtggaggca	taggcctggg	ccccggtcac	300
gtcgccaacc	atcttcctgt	ccctagactt	cacggagtag	gcgaatgcta	tgaagcccag	360
gcagcagggg	ttcatgaaga	gggtgttgaa	cagggaccag	acgacatggt	cgggcacgga	420
ggtctcgctg	cggatgtgga	tcacgggtgga	cgtcggggga	gcagggttgt	ggggcgcccc	480
cagcacagcc	acctcgctgt	cctccttgag	catctcatag	ttggggggct	ggccgctggt	540
gacaggagag	aagaaggttt	ggacagtgtg	attcatggtg	tccagcgaag	accagcggcg	600
gtcgggttac	tgggatgggt	ctcagtgagc	cctccctttc	cccagtagtt	tcggtttctc	660
aacagtttcc	ttttcctggc	atttgtcaaa	tcgggatttg	gccgggccag	atgagggcgg	720
aacaaattcc	tgaggatcaa	attactttaa	gatagagagg	aaggaggggc	tgagggctaa	780

gaggggcctc ctctctagag cccaagggag ca

812

<210> 7497

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (388)...(728)

<223> similar to gi3878329 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7497

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caggaccttc	tccacaacta	ggccattttc	cctgccaggt	gtcctttttg	acctcttgac	180
ctctgactca	aagggcctgc	tccccctcat	gtcttcggcc	tggagaagag	ccagctcctg	240
aaggaggcct	ttgataaggc	cggcccgggc	cccaagggca	gagaagatgt	gaagaggctt	300
ctgaaactac	acaaggaccg	gttccgaggt	gacctgcggt	ggatcctctt	ctgtgcagac	360
ctgccgtccc	tcatccaaga	aggccctcaa	tgcgggctgg	tggccttggt	gatggcaggt	420
actctcctgt	cgccccccag	tggcgtcccc	ctggagagac	tcatacgggt	ggccacggaa	480
agaggctaca	cggcccaggg	agagatgttc	tcagtggccg	atatgggcag	gctggcccag	540
gaggtgctgg	gctgccaggc	caagctgctc	tctggtggcc	tgggcgggtc	caacagagac	600
ctcgtcctgc	agcacctggg	cactggacat	cccctgctca	tcccctacga	cgaggacttc	660
aaccatgagc	cgtgtcagag	gaagggccac	aaggcacact	gggcgggtgag	tgcaggggtc	720
ctgctgggtg	ttcgggctgt	gcccagtcct	ggctacactg			760

<210> 7498

<211> 2045

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1748)...(1083)

<223> similar to gi4704208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7498

tcgcgatcta	gaactagtcc	ggacgcgtgg	gtactgttag	aaatggctgt	tgtcaattat	60
gaggaaatcc	agtagttctc	tgggagagat	ctgaattagt	agcgttgaga	ggctattcct	120
gaaccccata	ttagaatcct	tcacaaacta	ctgcagtttg	ctgcttggtc	ctgaaataag	180

agacaatgga	tgaaacccaaa	taattttcaa	cccttattgt	gaattttacat	ttcttttaa	240
aatatttta	aatgaatca	caaatattta	acctgtcatt	atgtcacccc	gctggacaat	300
aatggagaga	gtgggggtatc	actgctgtct	tataactttt	aacccacaaa	actttatttg	360
catccccatt	aaaggacaag	gccatgctcc	atttctgata	tgttcctggg	tactcagaa	420
actgaggctt	tcagacagat	ctgtgcagt	atgagaagga	ccactttttt	gaaatgtgga	480
gaaaaaaata	tgacatcttt	taatgtcagg	cttcttatct	gagcaaaaaa	acatgtatca	540
ttttttcttt	ttgtcagtg	gacagctgga	tgacaagaag	acctacaact	gagtagaagg	600
ctgtgacttc	tttcttctc	ctccatgcta	tcaacatgag	tctttaaatg	tctgtgaaga	660
ttctgagatt	ttatttttga	atacaacctc	ctaaaaagtg	aggtaaaaaa	ctatcttcaa	720
cttctatatt	gcaaatttgt	tgatactacc	aatgcacgtg	tttaactgag	atgcataaaa	780
gcctttctcc	tcaaaaggct	tatgtttaac	taaaattgtc	acttttaaaa	gaaagtttat	840
ggctaaaatg	tatatcatca	ttatcagcag	gagtatgatt	gtgtctggga	gcccatttca	900
ctagatagcc	caaagtcttc	tatcaaatgg	gtttataatg	gtttcttcta	ttctgggtgat	960
taaacagtaa	gctcttgagg	gtgatttgtt	tttattttta	cagtgtatcac	ctatcaaact	1020
gttctgctgt	gttatagttc	ccaaactgga	gttcaacagt	cttagaaatt	cagtgggtcta	1080
agaactgcag	ttcttgagtc	caacctctct	gaaaagtga	gtataaaaact	ctggctccag	1140
ctgcttggtc	cggtacttgt	tgacaatgtc	ggtgattttc	tgtttccggc	ggacatgggg	1200
gggactgtag	gagtcacttt	ccagtctctt	tcttctacaa	atgttaatta	cagtctgcct	1260
caccagaaag	ccaagagctc	gcctgctgac	aatcatccca	tccacaagag	ggatgaccat	1320
attaaatttt	ccagtggctc	cttgaatttt	tatccggaat	aatccagtgt	ttaaaggggtg	1380
gatgaagatg	acaggaactt	ctttttcaag	agttgtagat	ctcagtgaag	tgctactatt	1440
tgtagtagtt	tccacaccag	tactgatctc	tgatcatcag	tctgagaggg	gaaagttttc	1500
tatatcatca	tagcgttcca	cccagactac	agaaactctt	gtctcagggtc	caaggggagg	1560
aacagggcga	ccctgaggca	gcttctctat	tctggaactg	ggactgagcc	tctgtgagga	1620
attaagattg	tctgtatgat	tggggaaaag	ctcaagtgtc	agggatggct	gtttcagaat	1680
tcttggcata	agatccatat	ttgaatcact	atcttggtcc	gagatgttac	tttccaatga	1740
atcagtttaag	gactccacag	gagaaggaac	cacaaaagca	atttctgtaa	gggcatcagc	1800
ataatacagc	accttcttct	gtccattgaa	aatgtctagt	ccaatatctt	cagaggaaat	1860
cacttcttct	gtttgagatc	cttcaccatc	atcacacaaa	ttaatagacc	aactggtaga	1920
aacatgccca	gtccaaccag	ggtgtctgcc	cacatctact	gaccagccaa	gggaaagcaa	1980
aaattctagg	aaatgtggct	gaacagttct	ggaagactcc	acattcttta	aaatctcttg	2040
gttcg						2045

<210> 7499

<211> 1827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1741)...(457)

<223> similar to gi587146 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7499

ttaggcaaac	tttccaaccg	ccaggatatt	gcggttggtt	ttccccttat	tccctttaaa	60
attttttttt	ttccctaaag	gcttttaaatt	tcgtagggag	gttggggcaa	tttgtcccc	120
ccccaaagga	agggttcttt	tccaaaattc	ccaggtaggt	ttttattctg	ctccctataa	180
ggaaaaaagt	tttgctgttg	aaggccgggt	taaatttggg	ccccctaagg	gttcttttaa	240
acggggcccc	cttttttttt	tttttcattt	ttagttttgt	taaaaaaaaa	ttctgacaaa	300

tcagaaatgg	gggttcagga	gtggtggtga	tgcaaaagat	ggaagccatg	gggtgggggc	360
tgtcaggggt	gggggcagta	gtgtctcctt	cacccccacc	ctggtgtcct	ctcctgaagg	420
acagacggtc	acattccaaa	atgggcgagt	cttctaccgt	gtctgttcaa	tgtaggagga	480
gatgtctatc	tcatcaggca	gtcactaat	attgacctca	aagcgatcct	gcacatcatt	540
gaggatcttg	gcatcattct	catcggacac	aaatgtgata	gccaagccct	tggtgccaaa	600
ccggcctgct	ctggccaccc	gatgcaggta	ggtgtcagaa	tcctcaggca	tgtcataatt	660
aaaagcaatg	ttcacccgct	cgatgtccat	gcctcggcca	aataggttgg	tagccacaag	720
aattcgtcgt	tgaaaatctt	taaactgctg	ataccgagaa	agcctctcct	cctggggcat	780
cccacggtgg	atggcaatgg	ctgggaagtt	ctgctccact	agtagctggg	ccaaggcaat	840
gcaccgctgc	acagacttca	caaagatcac	cacctggttg	aactcaagga	catccagaag	900
gtcaaagagc	ttccggttct	tctcgttgte	cttcagtttc	acgtagtact	gctgcaaccc	960
atgcagcgtc	aacttcgtct	catcatccac	gaagatctcc	attggatctt	gcatgaactt	1020
gcggcagact	ggacggatct	ctttgctcaa	ggtagcactg	aacatcatga	cctgcttctc	1080
gtgggggggtc	atgcgaaaaa	tttcctggac	atcccgacgc	atgtcgagct	gttcaagcat	1140
cttatcacat	tcatccaaaa	taaagtgttt	aatgtgtttg	aggttgaggc	tcttatttcg	1200
agccagggct	aggatacggc	ctggagtccc	cacgacgata	tgcgggcagt	tcttcttcag	1260
cacctcttca	tccttcttga	tagacagacc	acaaaaaaaa	acagcaacct	tgacattggg	1320
catgtattta	gagaagcgct	catattcctt	gctgatctga	aaagccaact	cccgagtgtg	1380
acacatcacc	agtacagaca	cctgccccagt	aactggctcc	agctgttgca	gtgtggccaa	1440
gacaaacact	gctgtctttc	ccatgcccga	cttggcctgg	cacaggacat	ccattcccag	1500
aatggcctga	gggatgcact	catgctggac	ttctgaacga	tgctcaaagc	cacagtcgac	1560
aatggcccgg	agcaactctg	gcttgagcag	gaagtacga	aagccagagc	tgtggatgga	1620
gacataggag	cccttgacat	ccttcttggc	aggggcctca	gccccatctc	ccccagctgc	1680
tgtctccacc	tcatcatctt	catagtccaa	gagctcattg	tccacatcgt	tctctgccat	1740
aactaaacag	ggagagcgcg	tatggcggca	gcaacagcga	cgaaggaggg	aaatctgcct	1800
tcacttcceg	ttgcaggctt	ccctcta				1827

<210> 7500

<211> 1031

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (124)...(756)

<223> similar to gi3879170 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7500

ggaattcccc	gaccgggceg	attggccctt	tagcgcccgg	gcgtcggggc	ggtaaaaggc	60
cggcagaagg	gaggcacttg	agaaatgtct	ttcctccagg	acccaagttt	cttcaccatg	120
gggatgtggt	ccattggtgc	aggagccctg	ggggctgctg	ccttggcatt	gctgcttgcc	180
aacacagacg	tgtttctgtc	caagccccag	aaagcgcccc	tggagtacct	ggaggatata	240
gacctgaaaa	cactggagaa	ggaaccaagg	actttcaaag	caaaggagct	atgggaaaaa	300
aatggagctg	tgattatggc	cgtgcggagg	ccaggctgtt	tcctctgtcg	agaggaagct	360
gcggatctgt	cctccctgaa	aagcatgttg	gaccagctgg	gcgtccccct	ctatgcagtg	420
gtaaaggagc	acatcaggac	tgaagtgaag	gatttccagc	cttatttcaa	aggagaaatc	480
ttcctggatg	aaaagaaaaa	gttctatggt	ccacaaaggc	ggaagatgat	gtttatggga	540
tttatccgtc	tgggagtgtg	gtacaacttc	ttccgagcct	ggaacggagg	cttctctgga	600
aacctggaag	gagaaggctt	catccttggt	ggagttttcg	tggtgggatc	aggaaagcag	660

ggcattcttc	ttgagcaccg	agaaaaagaa	tttggagaca	aagtaaacct	actttctggt	720
ctggaagctg	ctaagatgat	caaaccacag	actttggcct	cagagaaaaa	atgatttgtg	780
gaaactgccc	agctcagggg	taaccagggg	cattcacctg	tgttcatggg	atgtattggt	840
tccactcgtg	tccctaagga	gtgagaaacc	catttatact	ctactctcag	tatggattat	900
taatgtattt	taatattctg	tttaggccca	ctaaggcaaa	atagccccaa	aacaagactg	960
acaaaaatct	gaaaaactaa	tgaggattat	taagctaaaa	cctgggaaat	aggaggctta	1020
aaattgactg	c					1031

<210> 7501

<211> 1497

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1286)...(269)

<223> similar to gi4589248 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7501

tttttttttt	ttagtctctc	aatactttac	tgggccatat	ccccgatac	ccccacagca	60
atttcaccaa	cacagagcaa	ctgccctcag	ccactctgat	gtgatggagc	caatccaggt	120
gtcctagaaa	tatcctagaa	atgcagagca	tggggaaatc	acagaaccct	gggaaatgcc	180
ataagaacct	gggctctgga	aagtgccatc	cacctccctc	ctggtcaggc	tggcggcact	240
gacaaggcat	ccacagggca	gccatgctat	ggcccagacc	tccggatatg	caggaaccgg	300
ggctccccc	agaagtcctc	gcgcacagcc	acaagattaa	ggtacaggtc	aggccggctc	360
tgaagccagc	tgctgacaag	ctccgggtgc	cttgggtcca	cttctaagaa	gatactacca	420
gagtctttca	ggagccgggg	tgccaaggcc	agaatgtggg	taatgatgtc	catgccctcc	480
tccccaccat	ccagggccgc	gggtctttca	tagctgcgga	tctcaggggc	cagctgctcc	540
atgtcctggt	ggaagacgta	gggagggttg	ctgacaatca	ggtccatggg	gccccagggc	600
aggtgtgtcc	agctcctttc	tgaggtcatg	tgcaggtgga	tgatccaaat	cctgtcctgc	660
aaccgaagcc	tctgagcatt	ctcatgggtc	agagagatag	cagcttcccg	cttatccaca	720
gcaatgactc	ggctctgggg	gagctggctc	agcaggctga	gggagatggc	tccatgatccg	780
cagcccacct	ccagaatgag	ggggctgcct	ggggatccca	cagcatggga	cctctggccc	840
acctctttca	gcaccactc	aaccagttcc	tctgtttctg	gccgcggaat	aaacactggg	900
ggcaccatcc	ttaggctgag	cccctggaag	tccactctc	caaggatgta	ctgcaccggc	960
atcctctgca	atcgacggct	actcagctcc	cggatacact	gtagttgctg	agaggtcaag	1020
ggctgggtcc	aaagtgccgg	cctcaggctc	tgaaatgttt	tggctccaag	gacatgagcc	1080
acgatgtact	cactggattc	ccgggcctca	gggatacccc	tcttctcaaa	gaccccagtc	1140
cagtggctga	ccagttctat	ggcactggat	aacccagcca	gaggtgggtg	gggttgccat	1200
gagctgaagg	cccagccccg	ggtacttccc	ctcctccctg	ggccagacag	gagggccccc	1260
agcattcggc	cccaaagctc	catgtctcag	ggaaagggtc	tccagagtgc	ttccagggtc	1320
ccaagtctgc	tttatgatgt	cagctgctga	ggtgagtgtc	gagagtggcc	cctggaccca	1380
gctgggtgga	gatggagagg	tcacaagctc	tggtgcccc	aaatggctct	ggctcctcaga	1440
tatagttggt	tgccaccctg	cctgaaaggc	tgccccacac	acccaccagc	cggagaa	1497

<210> 7502
 <211> 2007
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2008)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (87)...(1149)
 <223> similar to gi3878636 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7502

ggagcaaggg	gaagaagagg	atgggctcgt	ccatgtcggc	ggccaccgcg	cggaggccgg	60
tgtttgacga	caaggaggac	gtgaacttcg	accacttcca	gacccctcgg	gccattggga	120
agggcagctt	tggcaaggtg	tgcatgtgtc	agaagcggga	cacggagaag	atgtacgcca	180
tgaagtacat	gaacaagcag	cagtgcacgc	agcgcgacga	ggtcgcgaac	gtcttcgggg	240
agctggagat	cctgcaggag	atcgagcacg	tcttcctggt	gaacctctgg	tactccttcc	300
aggacgagga	ggacatgttc	atggtcgtgg	acctgctact	gggcggggac	ctgcgctacc	360
acctgcagca	gaacgtgcag	ttctccgagg	acacggtgag	gctgtacatc	tgcgagatgg	420
cactggctct	ggactacctg	cgcggccagc	acatcatcca	cagagatgtc	aagcctgaca	480
acattctcct	ggatgagaga	ggacatgcac	acctgaccga	cttcaacatt	gccaccatca	540
tcaaggacgg	ggagcgggcg	acggcattat	caggcaccaa	gccgtacatg	gctccggaga	600
tcttccactc	ttttgtcaac	ggcgggaccg	gctactcctt	cgagggtggac	tggtggtcgg	660
tgggggtgat	ggcctatgag	ctgctgcgag	gatggaggcc	ctatgacatc	cactccagca	720
acgccgtgga	gtccctgggtg	cagctgttca	gcaccgtgag	cgtccagtat	gtccccacgt	780
ggtccaagga	gatggtggcc	ttgctgcgga	agctcctcac	tgtgaacccc	gagcaccggc	840
tctccagcct	ccaggacgtg	caggcagccc	cggcgtggc	cggcgtgctg	tgggaccacc	900
tgagcgagaa	gaggggtggag	ccgggcttcg	tgcccaacaa	aggccgtctg	cactgcgacc	960
ccacctttga	gctggaggag	atgatcctgg	agtccaggcc	cctgcacaag	aagaagaagc	1020
gcctggccaa	gaacaagtcc	cgggacaaca	gcagggacag	ctcccagtc	gagaatgact	1080
atcttcaaga	ctgcctcgat	gccatccagc	aagacttcgt	gatttttaac	agagaaaagc	1140
tgaagaggag	ccaggacctc	ccgagggagc	ctctccccgc	ccctgagtcc	agggatgctg	1200
cggagcctgt	ggaggacgag	gcggaacgct	ccgccctgcc	catgtgcggc	cccatttgcc	1260
cctcggccgg	gagcggctag	gccgggacgc	ccgtggtcct	cacccttga	gctgctttgg	1320
agactcggct	gccagaggga	gggccatggg	ccgaggcctg	gcattcacgt	tcccaccag	1380
cctggctggc	ggtgcccaca	gtgccccgga	cacatttcac	acctcaggct	cgtgggtggtg	1440
caggggacaa	gaggctgtgg	gtgcagggga	cacctgtgga	gggcatttcc	cgtggggccc	1500
cgagaccgcg	ctagatggag	gaagcgtgc	tgggcgccct	cttaccgctc	acggggagct	1560
ggggccatgg	atgggacagg	agtctttgtc	cctgctcagc	ccggaggctg	tgacggccc	1620
tcgtcacaag	gtgacccttg	cagcacaggc	cgcgggtgcc	ccaggctcgg	ctcagttctt	1680
ggaggtcaag	ggcatggggtt	ggggtagtgg	gtggggaggt	gaatgttttc	tagagattca	1740
aactgctcca	gcaatttctg	tatagttttc	acctctgaga	attacaatgt	gagaaccgct	1800
caaaaaaaaa	aaaaaggggg	ggccctttta	aaagaacaaa	tttttactcc	cgggggttgg	1860
caaggtattt	tttttttttt	ggggccccc	aattaaattc	cgggggcggg	tttttaaaaa	1920
ggggggagtg	gaaaaaccct	ggggttaccc	aattttat	gttttggaga	aanatntntt	1980
tactnntttt	tatttaatat	gtttttt				2007

<210> 7503
 <211> 839
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (108)...(761)
 <223> similar to gi2832832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7503

ctccccgttc	gacgatttcg	tggcgccccg	gcctggcgcg	gagcctgagc	ccgccggacg	60
ggagggcgcc	ccgccgcggg	ctcgcccccg	gccccagccc	cgccagcatg	gccggccgga	120
ctgtacgggc	cgagaccg	agccgggcca	aggatgacat	caagaagggtg	atggcgacca	180
tcgagaagg	ccggagatgg	gagaagcgat	gggtgactgt	gggcgacact	tcccttcgta	240
tcttcaagt	ggtgccagt	gtggatcccc	aggaggagga	gcgaaggcgg	gcaggtggcg	300
gggcagagag	atcccgtggc	cgggaacgtc	ggggcagggg	cgccagtccc	cgaggggggtg	360
gccctctcat	cctgctggat	cttaatgatg	agaacagcaa	ccagagtttc	cattcggaag	420
gttccctgca	aaagggcaca	gagcccagtc	ctgggggcac	ccccagccc	agccgccctg	480
tgtcacctgc	cggacccccca	gaaggggtcc	ctgaggaggc	tcagccccca	cggctgggcc	540
aagagagaga	tcccgggggc	ataactgctg	gcagcaccga	cgaacccccca	atgctgacca	600
aggaggagcc	tgttccagaa	ctgctggaag	ctgaggcccc	cgaagcttac	cctgtctttg	660
agccagtgcc	acctgtccct	gaggcagccc	aggggtgacac	agaggactcg	gaggggtgcc	720
ccccactcaa	gcgcatctgc	ccaaatgccc	ctgacccctg	agaagccggc	ctgcctgtcc	780
tgttgcccca	ggggcccctt	tggcttttta	caaataaaga	cccttttgta	aaaaaaaa	839

<210> 7504
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (289)...(549)
 <223> similar to gi57605 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7504

ccggccagca	ccacggacgg	cgcccaggaa	gcccagatcc	ccctggacgg	ggccttctgg	60
attccgaggc	ccccggcagg	ttcgcccaag	ggctgcttcg	cttgctgtgc	caagccccct	120
gcctgcagg	ctccggcggc	ccctgcccct	gagccctcgg	cctctcccc	gatggcgccc	180
acactgttcc	ccatggagtc	caagagcagc	aagaccgaca	gcgtgcgggc	tgccggcgcg	240
ccccctgcct	gcaagcacct	agccgagaag	aagacgatga	ccaacccac	gaccgtcatc	300
gaggtctacc	cggacaccac	cgaggtgaac	gactattacc	tgtggtccat	cttcaacttc	360

gtctacctca	acttctgctg	cctgggcttc	atcgcccttg	cctactccct	caaagtgcga	420
gacaagaagc	ttctcaatga	cctgaatgga	gccgtggagg	atgcaaagac	ggaccggctg	480
atcaacatca	ccagatccgg	tctggcagcc	tcctgcatca	tgctatggat	ggctctctct	540
gtgatagcca	ctcaccgtgg	gctaaggctg	tccgcgtcca	tattggttgc	ggaaccccat	600
gactggaata	cagagagacc	acaagtcacg	tttcgcgagc	gatgtcctgc	actgtaactt	660
gaaatcactc	aggtgaccgt	acgaggctag	atattatgaa	gctgtcgtat	accctgcccc	720
gaggtccg						728

<210> 7505

<211> 1293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (761)...(914)

<223> similar to gi576631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7505

tttttttttt	ttaagaagaa	aaaataataa	acttagtttc	tgtatgagca	tccgcgtaag	60
gaggcttctg	attttctggt	ctgggtggagg	gttgggtggg	aacttgggca	tcgtttttct	120
cctccctctt	gttcttgcaa	agatccctagc	acctgatctc	tagcccagga	ctatatgttc	180
caggcagaaa	tctacccaag	aagaggggaag	attggtgaat	ttgatgtggt	agggtagcctt	240
tccccagtca	gtttgaagtc	acagatatcc	ttttcctctc	atttcttttc	cctcggttcc	300
tagacgttcc	tcggagctct	ttgatgcctc	agacctttcc	cttttatccc	tcttgctcag	360
gtgcttcctt	tcacaacttt	ttccagaggg	caggcgctct	agctccagtt	gtccatccc	420
ttgggccctc	ccctgctctt	catctagcca	aactggtttg	agtcagccac	accccttccc	480
agctccctgg	gctcttcacg	tggtggctgg	ccactcaacc	ccaccctgg	gcttggtctg	540
gagccctgag	tcagctccat	caccacccaa	gccaaaccaa	agctgaggca	ggagccgaaa	600
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cattctgggt	cccctgctgc	tgtggttgct	ctcctacgcc	atcgctcagg	ctgagtgacc	960
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aaggctcctgt	gacagcagtg	gttgggaagg	tcctggttgg	aaggatgggg	actctctcaa	1080
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cccaccctag	ggcctctacc	cagcgggagg	ggttgaagac	caggcctggg	tttattagaa	1260
ttcattttgt	aataaaagcc	ttttttagtg	gtg			1293

<210> 7506

<211> 2450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (871)...(1536)

<223> similar to gi5911823 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7506

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ctcctgccc	caagtgtgtc	accccgctg	tcctgcact	gcggtagag	tgggtggagga	180
gacgggcgt	tcctcagatg	tactctggc	attcacctct	cttcagatgt	caccaccatc	240
aggacaagt	taacctttaa	gctaaatgaa	ggcaagtgt	gtttgaaaa	tgctgagctg	300
tttcccgagg	gtctgcgacc	agcactacca	gagaagcaca	gctcagtaaa	agagagcttc	360
cgctacgtaa	accttacatg	cagctctggc	aagcaagtcc	caggagcccc	tggccgacca	420
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gggacagctt	cttgtgacct	gagctgcac	gtaaagcgaa	ccgagaagcg	gctccgtaaa	540
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ggagtgggccc	agggtcacgc	agaaaaccaa	tgtgtcagtt	gcagggctgg	gacctattat	720
gatggagcac	gagaacgctg	cattttatgt	ccaaatggaa	ccttccaaaa	tgaggaagga	780
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gcttggaata	tgtctgaatg	tggaggtctg	tgtcaacctg	gtgaatattc	tgcatgtggc	900
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tgcttccctt	gtggaggagg	ccttgccacc	aaacatcagg	gagctacttc	ctttcaggac	1020
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attcgttgcc	cagtgggaac	ataccagcct	gaatttgga	aaaataattg	tgtttcttgc	1140
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aattaccag	ccaacaccga	gtgtacgtgg	accatcaacc	caccccccaa	gcgccgcac	1320
ctgatcgtgg	tccttgagat	cttctgccc	atagaggacg	actgtgggga	ctatctggtg	1380
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ttcaagtaca	cagcccagga	gtcccagag	atgtttccaa	gatcgttcat	ccgattgtca	1740
cgttccaaag	tgtccagggt	tttgagacct	tacaaatgac	tcagcccacg	tgccactcaa	1800
tacaaatggt	ctgctatagg	gttggtggga	cagagctgtc	ttccttctgc	atgtcagcac	1860
agtcgggtat	tgctgcctcc	cgtatcagtg	actcattaga	gttcaatttt	tatagataat	1920
acagatattt	tggtaaattg	aacttggttt	ttctttccca	gcacgtgga	tgtagactga	1980
gaatggcctt	gagtggtcac	agcttctcac	tgctgtgggc	ggatgtcttg	gatagatcaa	2040
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tactcctcct	caaggagtct	gtagtggaaa	ggaggccaca	gaataagctg	cttattctga	2160
aacttcagct	tcctctagcc	cggccctctc	taaggagacc	ctctgcactc	gtgtgcaggc	2220
tctgaccagg	cagaacaggc	aagaggggag	ggaaggagac	ccctgcaggc	tcctccacc	2280
caccttgaga	cctgggagga	ctcagtttct	ccacagcctt	ctccagcctg	tgtgatacaa	2340
gtttgatccc	aggaacttga	gttctaagca	gtgctcgtga	aaaaaaaaag	cagaaagaat	2400
tagaaataaa	taaaaactaa	gcacttctgg	agacatagtc	gacgcggccg		2450

<210> 7507
 <211> 1514
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (247)...(564)
 <223> similar to gi4160196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7507

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cgggggttcg	ctggctgcgg	ccccggctcc	ggcccccgca	ggagcagcac	cccccgggga	120
aagacatttt	ctgctcccac	cgagttggca	gggcctgctt	cctgaatctc	ctgggtgtgt	180
cttaactgcc	agtcccagca	cctcctgaaa	gccccactct	cctccagtgg	tcacagtgga	240
aggatcatgg	gagaaacaga	agggaaagaa	gatgaggctg	actataagcg	actgcagacc	300
ttccctctgg	tcaggcactc	ggacatgcc	gaggagatgc	gcgtggagac	catggagcta	360
tgtgtcacag	cctgtgagaa	attctccaac	aacaacgaga	gcgccgcaa	gatgatcaaa	420
gagacaatgg	acaagaagtt	cggctcctcc	tggcacgtgg	tgatcggcga	gggctttggg	480
tttgagatca	cccacgaggt	gaagaacctc	ctctacctgt	acttcggggg	caccctggct	540
gtgtgcgtct	ggaagtgtct	ctgacactct	gtccctgcc	ccgtcccttg	cagggccttt	600
tcctgccact	catctggggg	ggggagcagc	cctaggcagg	tcctggtttt	tccaaggaga	660
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aggtgggaga	tgagatcttc	cgcacaggaa	cacgccagtc	cccctttctc	cagggctgcc	900
ttccccttgc	atcctgggag	ccccactgcc	ctgccatccc	cagtactgcc	gggaagtgtc	960
ggccgtcctt	gtcattagt	gtcatatgaa	aatggcccca	agaaggagat	gattctttca	1020
agggacacag	gcagcttctc	tccttgtcct	ctggggaggt	gctgacctct	cagaaacccc	1080
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ccagccccca	gccttggtgg	ggaccaagca	gcctttcccg	tccctcctc	gaccctgaca	1200
gttgagagcc	aggggctggg	gtgtgggagc	tgctacctgg	cagtttctcg	aggggtcacc	1260
gagcctctgg	tgggacacct	gggcaggagt	gctctacca	cgaggctgct	tccgcaggga	1320
accctggcct	gcccgcgact	tcgcatcagg	gaccgcatgc	tgatttgtac	tgctctctgc	1380
tgggttttct	atgttctttt	cgagtgtggg	aaaagggttt	tagtagaagg	gtgaatcgta	1440
ttttacacag	cggctcttatt	tatataaatg	tcttgggttt	tacaattaaa	atgacaaaaa	1500
actgaaaaaa	aaaa					1514

<210> 7508
 <211> 3372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (259)...(2062)
 <223> similar to gi2463542 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7508

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ccgggacagc	agcgacctgg	gcccggcgca	ggggccccgg	cggggcggcc	ggaggggggc	180
gggccctggg	cccggacaga	gggggtccagc	ctccacagcg	agcctgagag	ggccggcctc	240
gggcctgcgc	cggggacaga	gagtccgcag	gcagaattct	ggacagacgg	acagactgag	300
cccgcggcag	ctggccttgg	agtagagacc	gagaggccca	agcaaaagac	ggagccagac	360
aggtccagcc	tccggacgca	tctagaatgg	agctggtcag	agctggggac	gacttgtctt	420
tggacggaga	ccgggacaga	tggcctttgg	actgatccgc	acagggtccga	cctccagttt	480
cagcccagg	aggccagccc	ctggacacag	ccaggggttc	atgggcccctg	gacagagctg	540
gaaacgcatg	ggtcacagac	tcagccagag	aggggtcaagt	cctgggctga	taacctctgg	600
accaccaga	acagtccag	cctccagact	caccagaag	gagcctgtcc	ctcaaaagag	660
ccaagtgctg	atggctcctg	gaaagaattg	tatactgatg	gctccaggac	acaacaggat	720
attgaaggtc	cctggacaga	gccatatact	gatggctccc	agaaaaaaca	ggatactgaa	780
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tggacacaac	ctagcactga	cggttcccag	acagcacctg	ggacagactg	cctcttggga	900
gagcctgagg	atggcccat	agaggaacca	gagcctggag	aattgctgac	tcacctgtac	960
tctcacctga	agtgtagccc	cctgtgccct	gtgccccgcc	tcattcattac	ccctgagacc	1020
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aagtattcac	cctttgtgg	ctccttcga	aaacatacc	cttgggtcca	gctttctgga	1260
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tgggctgagg	gcaaccgtga	ggacggctac	ctctggggcc	tggacaacat	gatctgcctc	2040
ctgcaggggc	tggcacagag	ctgagctgct	cagccaccat	caggttaatt	ggatggcgcc	2100
agtctggctg	gaggagccct	gagatgccat	gggaggcctg	aggttggcca	cgggggagct	2160
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tgggactgga	tgcggcctga	gggctgatac	cgctggggcg	tatcctgccc	tgctgtggcc	2700
ctgtgggac	ctccgtgttc	ctcggcggac	tctgtgacc	tcctgcagac	ccaaaccaca	2760
gccacatccc	agcttctgtg	ccagcactgt	gacagtacct	cgctcctctg	tgaccagat	2820
ccggcctcag	gacttacacc	tcctgcctga	ccccagget	tctctctcct	ttctcccagc	2880
aaactgcagt	ggcagaaagg	aggttcagag	gctgggaaag	tgggcctccc	cttgcaactc	2940
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ggtgtgtgtc	agaggcgag	ggtgggtggg	gctgccagcc	aggacctgg	cctgcagcct	3060
gatccaaacc	aaagactgta	gaaccctggg	gtgtggctaa	cggccctcc	agcaccata	3120

gccaggtcct	cctggccctt	gaggctgggc	tggcggacag	gcacctacct	cttccttaag	3180
ctgaagctcc	cacactgtct	tccagggctg	aggagatgct	ctccttttct	actgaccatc	3240
ttgatactta	tttatacgag	aggcagttgc	tggacggggt	agtactggga	agcaggaggc	3300
agaatggctc	tgctgagcct	cctacccatg	acaacacccc	aataaacaga	acattcagag	3360
ccaaaaaaaa	aa					3372

<210> 7509
 <211> 1941
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1942)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1777)...(1282)
 <223> similar to gi217682 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7509						
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ttaccccata	tgggaaggcaa	aatcctgtat	tcccaattca	cacatgaaaa	ttacacgaga	180
ggtaagtcaa	aaatgcttcc	tttattacat	aaagccaata	ctgctacttc	taagttcaac	240
tgtttggtgca	tctctatata	gttcaaagt	ttacgcccgt	gatattaaca	atgaccgctt	300
ccaagtgtca	gtgaacagtg	gtccctgtg	agtgtcatca	tggtacctct	ccccattgca	360
cacaagtcaa	caaactgctc	tagaaagtta	agttctccca	ggcccagagt	aaacatatac	420
tcaatattct	tccatacttt	attataccat	aagaagcaaa	cttctgaagg	agatacaatt	480
aaagatacca	caggtgtcct	agcttgtcaa	tattctgttt	tatcattttc	attaacaaag	540
cagattacaa	tgtagecccta	atttgcatta	taattagttg	ttacaagaca	ctgcacattc	600
tctgaagac	acacaatgat	ttccaagatg	ccaggtcact	cttccaatca	gtgaatggcg	660
agctcactgg	caggtgcagg	gctacttctt	gtattccaat	gatgtgcctg	aaatagcgct	720
ttgcaagatg	agcgtggatt	atgtggacac	aattttgagg	caatctccat	tacacatttg	780
gtagaagact	gcctaactta	atcttactat	tagtgtatta	gtgttgttat	attatgaaga	840
catattatat	tccattatct	tgcttagctc	aaggaagaat	aaagaatttg	gacccaaaatt	900
ataaccaat	tatgagcaat	ttcctaagca	aaagaaacaa	agtaaatgct	gaggttaata	960
aagatgtaat	aattctcttc	acatggcctt	tactgtttgt	gaactgtgta	atttaaaatc	1020
ctgagcttaa	caaaaatctt	tataaatcaa	ctcatcaaaa	caggcatttg	gccaataaga	1080
atttaatttc	acatcaataa	aacttttagac	tttagattta	tttagggctg	tttgcatatg	1140
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taacttttca	gcaatacaag	cccgattgag	atcttctggg	ccatttgctt	gacattcatg	1380
ttttatgcct	tgaaatttct	ttttaattgc	atccttggag	cttgcataga	tcattttact	1440
tttcagaggt	gctagttctg	gtgcccacaa	aaaaaacatc	aactcttctt	ttctggattc	1500
ttttgtttca	aagcttgcac	catacaaagc	atagcgacaa	tctttttcag	gaagcattcc	1560
cacaaaatgc	ttgaaaggat	cagttatggt	tacaccaaca	tctccaacca	agatctcttt	1620

gcctttcttct	acaatgatgc	actttttgtc	tgcactgaga	caaaaaatga	cagccttctt	1680
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acatacttca	tcagctactt	gcactcctga	ggccatcttc	gccgcggcgg	tcgcagggac	1800
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gcntgggtag	tggtactcga	a				1941

<210> 7510
 <211> 1476
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1477)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1217)...(275)
 <223> similar to gi2315796 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7510						
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caccccagaa	ctcaccacgg	acacacagca	gagggcttct	cttcatatca	agggatatggg	180
taaacaagaa	aggctgctgt	ttcactgaga	caggacaaac	caccaagtcc	aaatgagaag	240
acaagcagag	acgtagtgtc	agaccaggag	ggttagaact	tgctagtgtg	gagggcaata	300
atccacttgg	gcacacggag	gaaggagggc	aggtaggagg	ccagccagcc	caggccggac	360
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atattgggat	ctgttgccaa	agccaccaca	catttgccac	tcaattctgt	ggtttccgca	540
gatgagaagg	ctgatttgaa	ctgcttcaac	acaggatcct	gcaggacctc	ctcctttgcc	600
atatgctcct	tcagcagttc	tgtctgcaca	atccccggcc	acagagacac	acagctgacc	660
ccatggcgcc	gcagctcgtg	ggcacagtca	gcagccagct	tgtcacacgc	agctttgccc	720
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cgaagggtgt	ccagatggcg	gccagtgatg	taaactgtgg	cgctgtcttt	gcagagctgc	1140
aaggcaatgc	cacggccaat	accctgggag	gcaccagtca	ccacacacac	ttggccattc	1200
atgggagctg	ccatgactca	caggcaaagg	aggcaggtct	gccacctgcg	ctgccgctga	1260
ggtctgcaga	ttgcggggct	gcggtggaag	tctgggttct	cgcccagatt	gagccggcga	1320
cgtggaggca	gtgttcaagg	attgattctg	tagtaggacc	cggggcgatt	ctgtgctgag	1380
gtagaggggc	agagtcccag	cccaagttag	aacctgcgga	tgggggcgga	gcgatctggg	1440
tgncgaattc	cnccgcntgg	gctatgctac	tcagtg			1476

<210> 7511
 <211> 2714
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (181)...(1167)
 <223> similar to gi733603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7511
tttcgtggca cgcggcgct cgggtgtttt tgggggcccg ggtggagggc cgggtgccc 60
gggccaagg tgcgccctcg ctacggggag agggagcggg atcaccggcc cggagagagc 120
tctcagggcc agagcggggc aggaggatgc tttcccagcc ccaccatgga gctgcgctgt 180
gggggattgc tgttcagttc tcgctttgat tcagggaatc tagcccacgt ggagaaggtg 240
gaatctttgt ccagtgatgg ggaaggggta ggaggtgggg cgtcagccct gaccagtggc 300
attgcctctt cccctgacta tgaattcaac gtgtggacct gaccagactg tgctgaaacg 360
gaatttgaga atgggaacag gtcatggttc tacttcagcg tccggggagg aatgccagga 420
aaactcatca agatcaacat tatgaacatg aacaagcaga gcaagctgta tcccagggc 480
atggccccct ttgtgcgcac actgccacc cggccacgct gggaacgcat tcgagaccgg 540
cccacctttg agatgacaga gacgcagttt gtgttatect ttgttcacg tttcgtggag 600
ggcctggggg ccaccacctt cttcgccctt tgctaccctt tctcctacag tgactgccag 660
gaactgctaa accagctaga ccagcgcttt cgggagaacc accctacca tagcagcccc 720
ctggatacca tctattacca tcgggagctc ctttgcattt ctctggatgg acttcgtgta 780
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cagctatttc ctgataccag caccctcga ccattccgtt tcgcaggcaa gaggatattc 900
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tcacgtggag tgaatctgaa ccgtcagtag ctgaagcctg atgccgtcct gcacccggcc 1140
atctatgggg ccaaagctgt gcttctctac caccatgtgc actctcgtct gaactcccag 1200
agttcctctg agcaccagcc cagttcctgt ctccctcctg atgctcctgt ttctgacctg 1260
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ggaaacagct ttagtgatga gagcaccag gtggaaaaca tgctatatcc aaagctcatc 1560
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gcctcagggg taatccacag ctacacactt gaatgcaact acaacactgg acgctcagta 1740
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acaagtgcgg gtggttagcag cagcagccaa caaaattctc cacagatgaa gaattcccc 2160
agctttcctt ttcattggcag tcggcctgca gggctgccag gcctgggctc tagtacccaa 2220
aaggtcaccc accgggtgct gggccccgct agaggttaagc cagtctggga gccctgcaa 2280
  
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catgtgttcg	gttgtctggg	gcattgctgg	gggaagtaag	agcttgaaga	tatactgttg	2340
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acgaccttgg	tggtccctgc	ggcatgattc	cagagcggta	ttgtgtgtgg	ccagaggggg	2460
aagtctgggt	atctgggctt	cagtgcattc	taggagccag	ggaagtttcc	aaggatgaaa	2520
cactagctga	agcagtgcc	aacaggacat	ggagcctcca	cgtcacggac	aatgtcagtc	2580
tgtcttcatt	ggggcagtta	agggaaatgtc	ctcagaatcc	aaactgcagt	actgtagaat	2640
gatggggaat	cttatctgtg	gtctttatgg	gctgaaattt	ttcctggctt	cagagctcat	2700
taaggaagtg	atag					2714

<210> 7512

<211> 2750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (97)...(1461)

<223> similar to gi1217965 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7512

attgccccctg	taacctgtca	aagaagagct	aaggagctt	tcgggggttg	cttcttgagg	60
gctgctttct	cctttacttg	gaaggcttcg	ctagtgatgg	accatacat	gattcagatg	120
agcagcaaag	gcaacctccc	ctcaattctg	gacgtgcatg	tcaacgttgg	tgggagaagc	180
tctgtgccgg	gaaaaatgaa	aggcagaaag	gccaggtggg	ctgtgaggcc	ctcagacatg	240
gccaaagaaa	ctttcaaccc	catccgagcc	attgtggaca	acatgaaggt	gaaaccaa	300
ccaaacaaaa	ccatgatctc	cctgtccatt	ggggacccta	ctgtgttttg	aaacctgcct	360
acagaccctg	aagttaccca	ggcaatgaaa	gatgccctgg	actcgggcaa	atataatggc	420
tatgccccat	ccatcggtct	cctatccagt	cgggaggaga	ttgcttctta	ttaccactgt	480
cctgaggcac	ccctagaagc	taaggacgtc	attctgacaa	gtggctgcag	ccaagctatt	540
gacctttgtt	tagctgtgtt	ggccaaccca	gggcagaaca	tcttggttcc	aagacctggg	600
ttctctctct	acaagactct	ggctgagtct	atgggaattg	aggtcaaact	ctacaatttg	660
ttgccagaga	aatcttgagg	aattgacctg	aaacaactgg	aatatctaat	tgatgaaaag	720
acagcttgtc	tcattgtcaa	taatccatca	aacctctgtg	ggtcagtgtt	cagcaaactg	780
catcttcaga	agattctggc	agtggctgca	cggcagtgtg	tccccatctt	agctgatgag	840
atctatggag	acatggtgtt	ttcggattgc	aaatatgaac	cactggccac	cctcagcacc	900
gatgtcccca	tcctgtcctg	tggagggtcg	gccaaagcgt	ggctgggtcc	tggctggagg	960
ttgggctgga	tcctcattca	tgaccgaaga	gacatttttg	gcaatgagat	ccgagatggg	1020
ctgggtgaagc	tgagtcagcg	cattttggga	ccctgtacca	ttgtccaggg	agctctgaaa	1080
agcaccctat	gtcgcacccc	gggagagttt	taccacaaca	ctctgagctt	cctcaagtcc	1140
aatgctgata	tctgttatgg	ggcgttggct	gccatccctg	gactccggcc	agtcgcctct	1200
tctggggcta	tgtacctcat	ggttgggaatt	gagatggaac	atttcccaga	atttgagaac	1260
gatgtggagt	tcacggagcg	gttagttgct	gagcagtctg	tccactgcct	cccagcaacg	1320
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aaggctggac	taggccttgc	ggctcctcag	ggactcaggt	ggccctactg	ggagaggggc	1560
ctcaaagtga	ccatgtcaag	ggttcaagat	tgttcctgct	tttccccaag	tacaaccaca	1620
cccacactca	gacccctctc	attcacatcg	cagattctcc	cttgctctgc	gctgctagag	1680
tgactcacta	attcattaat	ctgcctccct	ctcgtaagat	ttccttcttt	ttttcttgaa	1740

agtaccaggt	gaacaaagtt	taccagaaag	cagttgagac	aagaaaataa	gagctcagga	1800
tgagggaaaa	gaaaaagatt	gagagaat	gtgcccccaa	ccatttctc	agactctaag	1860
aaagaacacg	ctctctccag	gcaggtctga	agctcaactc	tcttattgcc	tcacttcagg	1920
tatacctcac	tttacacaat	agaattataa	ctggaaagaa	gttggggaca	catgtatttg	1980
gtgattacat	tttaaacaca	ttaggaaaag	ttgctatttg	aactttttat	tgatttttgg	2040
ggggagtaaa	gaattat	gtgatgcaaa	taaatatcct	ttaattgac	gacttgccaa	2100
at	tttagat	gtgtgcatca	ggctttcttt	tttttctttt	tttagagaag	2160
gcttttcttt	tctttgtttc	tttctttctt	tatttttgaga	tggagtcttg	ctctgtcgcc	2220
catgctggag	tgcagtggcg	cgatctcggc	tactgcaac	ctccacctcc	tgggttcaag	2280
cgattctctt	gcctcaacct	cccaagcagt	tgggactaca	ggcgtgagcc	accatgcccg	2340
gctaattttt	gtatttttag	tagagacagg	gtttcaccat	gttagccagg	ctggtctcaa	2400
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aagcaggaat	cagagacctt	ccagaaatac	tactgtgtaa	gggccagaaa	tatcttcaact	2580
tgtcattggt	atataatcat	tattactttt	gctgtaatgt	taatattgat	ttattaatat	2640
atattatctt	ttcatacatt	ttctaagaaa	catttatatt	gataagatct	tttattttgc	2700
aagggcataa	attattgttt	ttcttttttt	tttttttaat	aaatttcacc		2750

<210> 7513

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(285)

<223> similar to gi30295 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7513

tcgggacgga	ggcctccagg	ggagagggag	gcgggacgaa	gcagcgaaga	actgggaggt	60
cccagcagt	ggaggggagg	gtcctgtcct	ggagggggcg	tggcttgccg	cgtgagcccc	120
gcccgccaca	aactaccacc	gctgctcaa	gaccaggacc	cgccgcggga	agagcacgca	180
gccctgcgag	tactatttcc	gcgtgtacca	ctcgtgtgac	cccatcagct	gggtggagag	240
ctggaacgag	cagatcaaga	acgggatttt	cgccggcaaa	atctgactgc	cccagcgcgg	300
cttcctctga	agatgcagt	atcctgcac	tttttgtctc	gcggagcccc	gggtctcggt	360
tatccacccc	tacctcccag	tgtctaagcc	acgaataatg	caggtagatg	cctcgcggtg	420
acagctacga	gccagcccag	ggccccag	tctcaacact	gtcccaccca	gatgggtcca	480
aggccaagga	gtgccgcttg	acaaagccct	agggttccag	cctgggtcctg	ctgagggagc	540
cgtgagacca	gtcagcctgg	ggtgctgggt	ttcccaacgg	gtactccctg	agctatcagc	600
cttcag						607

<210> 7514

<211> 1009

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (234)...(814)
 <223> similar to gi3877561 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7514

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ctgccgcagg	gtgcgcgatg	ccttgaacct	gggaaactat	gtgaagcaac	actctggatt	120
ttgaaaagaca	tcttttcatc	atgggacagc	aaatttcgga	tcagacacag	ttgggttatta	180
acaagtacc	agaaaaagta	gcaaaacatg	ttacgttggg	tcgagagagt	ggctccttaa	240
cttatgaaga	atctcttggg	agagtagctg	agcttaatga	tgtaacggct	aaagtggctt	300
ctggccagga	aaaacatctt	ctctttgagg	tacaacctgg	gtctgattcc	tctgcttttt	360
ggaaagtgg	tgtacgggtg	gtctgtacca	agattaacaa	aagcagtggc	attgtggagg	420
catcacggat	catgaattta	taccagttta	ttcaacttta	taaagatata	acaagtcaag	480
cagcaggagt	attggcacag	agctccacct	ctgaagaacc	tgatgaaaac	tcatcctctg	540
taacatcttg	tcaggctagt	ctttggatgg	gaagggtgaa	gcagctgacc	gatgaggagg	600
agtgttgat	ctgtatggat	gggcgggctg	acctcatcct	gccttgctgt	cacagctttt	660
gtcagaagtg	tattgataaa	tggagtgatc	gacacaggaa	ttgccctatt	tgtcgcctac	720
agatgactgg	agcaaatgaa	tcttgggtgg	tatcagatgc	accactgaa	gatgatattg	780
ctaactatat	tcttaacatg	gctgatgagg	caggccagcc	ccacaggcca	tgaccttgaa	840
gtgaaagtct	tctgttgcta	ttgtgggctc	aaatatttgg	tcattggggga	agaatgtagg	900
gttggtggcac	tggcacagac	acaggaaaat	ccattttccc	cactctttta	tttttgctat	960
tctgatcatt	tgtccccctt	ttaaaaataa	acttcccatg	tcttccaaa		1009

<210> 7515
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (570)...(283)
 <223> similar to gi2983472 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7515

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tctgtcccag	agagacaggg	ccatccctca	tgtctgttat	tgggttgtag	ataaacaata	120
gtataaatca	aacaaactgc	aaattactct	gtctcttttc	ctaataata	cagcaacagt	180
cctcagtgg	actgcaccac	tctggaaaaa	atgccttcag	gttccttccc	atcccccaag	240
gcagcagcaa	atccttcgtg	tcgcctccta	ctggccaagg	cagccaaaga	tttgaaagtc	300
tttggtcgt	agatggccag	atccgctagg	actttcctgt	tgagctccac	ctggcactta	360
actaaattcc	caatgagcgc	tggatacttc	agtcctggt	cctggctagc	agctgtaatt	420
cgattaatcc	agagggtcct	catgttcttt	ttcttcagg	atcgggcttt	ggtgcatttc	480
acaaaggctc	gaatcacggg	tctgaccgcc	aacctgtagc	agcgattttt	ccttccccgg	540

aagtgcctgg	cgtgcttcag	cacctcctgg	atccgaaagt	agcggtcggt	gacgcgattc	600
cgcagccaga	gctgcgcggt	gaggaagacc	atggcgcctg	caggccggcg	tcccgaacac	660
tcaacaacgc	acgcgcagcg	ccgctgccat	cttgcccgcc	cacgcgtccg		710

<210> 7516
 <211> 3246
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3247)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (216)...(897)
 <223> similar to gi4468311 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7516						
ccccgcgctc	cgccggacgt	aggaggtgga	ggttggtgga	ttcgccgttc	gaaagcaggg	60
actaaaagcc	ccacttcgtc	ttacgttccg	aaaggaaggc	gtctgttgag	cctttctctc	120
agtcgtgagg	gaggcgctga	cggcgtgcgg	aagtcctgag	ttgaggcttg	cgggatcctt	180
tccggagaaa	gcgcaggcta	aagccgcagg	tgaagatgtc	caactacgtg	aacgacatgt	240
ggccgggctc	gccgcaggag	aaggattcgc	cctcgacctc	gcggtcgggc	gggtccagcc	300
ggctgtcgtc	gcggtctagg	agccgctctt	tttcagaaag	ctctcggtcc	cattcccgcg	360
tctcgagccg	gttttcgtcc	aggagtccga	ggagcaagtc	caggtcccgt	tcccgaaggc	420
gccaccagcg	gaagtacagg	cgctactcgc	ggtcatactc	gcggagccgg	tcgcgatccc	480
gcagccgccc	ttaccgagag	aggcgctacg	ggttcaccag	gagatactac	cggctctcctt	540
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gggcgtacgc	gatcgcgcg	ggacagcgct	actacggctt	tggtcgcaca	gtgtaccggg	660
aggagcacag	cagatggagg	gacagatcca	ggacgaggtc	gcggagcaga	accccctttc	720
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gtttgtcgga	acaaaacttt	cagaaaagcca	actgtcaaat	ctgattagcc	acttatatct	960
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gtgcatggtg	cctcatgcct	gtaatgaggc	agatggcttg	agtccaggag	ttcaagacta	1140
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ataacaccgt	tattagctgg	tactttgggtg	atttctatta	ctagtttttc	taagctattt	1440
acagagtgtt	tgtagctttc	atttgcagca	ttatgttccc	acaaattctg	tactcagcat	1500
atacagtata	gtttatctgc	tctatttctg	tcttatagaa	atcatgaatg	tggctctgcag	1560
acattgatga	agaaaatctg	ttggtaattg	atacatgggc	taaagcatca	gaggtttaat	1620
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ctagaatttg	ggacaggcac	tatttgcata	aagtattaaa	gtcaattttt	aaactaagca	1740

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cggaaaaggt	aacagaagat	ggaactcgaa	atcccaatga	aaaacctacc	cagcaaagaa	1920
gcatagcttt	tagctctaata	aattctgtag	caaagccaat	acaaaaatca	gctaaagctg	1980
ccacagaaga	ggcatcttca	agatcaccaa	aaatagatca	gaaaaaaaagt	ccatatggac	2040
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ttaatatattg	agtgttaagt	atttacatct	ttttgtgttg	gtttttaaat	gcacaagtac	2160
ccctgaatgg	ctcaaaggga	tgggataatg	ctagaaacac	taacttgcaa	taaagtgcag	2220
ttttcatgca	aacttagcca	tcagttttct	tcttttagat	aggatccac	agtcctatg	2280
gacttttttt	ctgatctatt	tttggtgatc	ttgaagatgc	ctcttctgtg	gcagcttttag	2340
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caggtttaaga	aaaagtgtaa	ttttaaaaca	catacccttg	gtttctaaat	cctatatataa	2520
aaaatagcct	aattgtaaac	aaaatttagc	tgtagacaca	aaaatcaact	tggatctaac	2580
agcctaagta	acagaactat	tgagttttcc	ccttaacaaa	actgatttaa	tattaggctt	2640
aagacactct	tcccataatt	attttacttc	cctgctggca	aattttaaact	aattttttta	2700
tcagttttct	caggttgaat	caagttcact	tttgaaatgt	aaagccacat	cagaaaatac	2760
gttttaagaa	actaaggcat	ttgccagtta	ggcacctaata	cgtctgaaca	aagaccttgt	2820
ctactaatac	tgagcaaacc	cacatctggg	cccaattaca	cagattcatt	tagatacagc	2880
atTTTTTTTT	ttttaagccc	ccgagacggg	agtcttgctc	tgtcacccag	gctggagtga	2940
aaagtacagt	gcaatttgct	aatgcacatc	ctgcacattt	ctggagaatt	ataataaact	3000
tatctgcaag	tgaagcagge	ctcctcttct	gtaatctctc	aaaacatttc	aggctttgca	3060
ccattacttg	atacacctat	tccacggctt	gtttcttttg	ctgaaggaaac	agttctgaga	3120
ctagctggca	agtcaatgtt	ggttgttcct	agagtttcgc	tgcatgtggt	tttgctattt	3180
ctaacagctc	cattcgatct	ttttcactta	agcgaaaggg	ggtntctncc	gcgacctcgt	3240
cctgga						3246

<210> 7517

<211> 2343

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (261)...(1713)

<223> similar to gi5823965 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7517

ggtggagtga	cagccggagc	ccggggcgccg	gcgcggggct	cggtgacagc	ggaggcgggc	60
gcccggggcg	gacgaggag	cgccgcggc	gccgacggcg	ggcggaagg	gcggacgggg	120
cgggcctccc	tggtggcacg	ggccggagc	aggccgggag	caggtggcgg	gcacagcttg	180
cgggccaggc	accgaactt	gcgacaagtt	gccggagccg	cggggcgcgg	gcggcggaaca	240
gattgacctt	cagagcgagg	gagccagcgc	cggcagccac	catggcgctca	cgcatagggt	300
tgcgcatgca	gctcatgcgg	gagcaggcgc	agcaggagga	gcagcgggag	cgcatgcagc	360
aacaggctgt	catgcattac	atgcagcagc	agcagcagca	gcaacagcag	cagctcggag	420
ggccgcccac	cccggccatc	aatacccccg	tccacttcca	gtcgccacca	cctgtgcttg	480
gggaggtgtt	gaaggtgcag	tcctacctgg	agaatcccac	atcctaccat	ctgcagcagt	540
cgcagcatca	gaaggtgcgg	gagtacctgt	ccgagacctt	tggaacaag	tttgctgccc	600
acatcagccc	agcccagggc	tctccgaaac	ccccaccagc	cgccctccca	ggggtgcgag	660

ctggacacgt	gctgtcctcc	tccgctggca	acagtgtctc	caatagcccc	atggccatgc	720
tgcacattgg	ctccaaccct	gagagggagt	tggatgatgt	cattgacaac	attatgcgtc	780
tggacgatgt	ccttggctac	atcaatcctg	aatgacagat	gcccacacg	ctaccctgt	840
ccagcagcca	cctgaatgtg	tacagcagcg	acccccaggt	cacagcctcc	ctggtgggcg	900
tcaccagcag	ctcctgccct	gcggacctga	cccagaagcg	agagctcaca	gatgctgaga	960
gcagggccct	ggccaaggag	cggcagaaga	aagacaatca	caacttaatt	gaaaggagac	1020
gaaggttcaa	catcaatgac	cgcatcaagg	agttgggaat	gctgatcccc	aaggccaatg	1080
acctggacgt	gcgctggaac	aagggcacca	tcctcaaggc	ctctgtggat	tacatccgga	1140
ggatgcagaa	ggacctgcaa	aagtccaggg	agctggagaa	ccactctcgc	cgcttgagga	1200
tgaccaacaa	gcagctctgg	ctccgtatcc	aggagctgga	gatgcaggct	cgagtgcacg	1260
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acgagggctc	cccgggctac	cccgaacccc	tggcgccggg	gcatggctcc	ccattcccca	1560
gcctgtccaa	gaaggatctg	gacctcatgc	tcctggacga	ctcactgcta	ccgctggcct	1620
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gtgtgtgaag	tagccacctg	ccctgcctcc	ctcctccccg	ttggcccctg	tttgactta	1860
gtgcctgtct	ggcagcctgt	ggggtcagga	gaagcacccc	cagggcagcc	cttttgactg	1920
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aactggctct	gggggtgctc	aggcctgcct	ttttgggact	cagatggcag	gaggtccacc	2160
ccgcagcctg	gtcctcggt	ctcccacagg	tgggcacccc	ccactttggt	gctaatagct	2220
ctccaccagg	tggtgtgagc	gcgggggctg	ccagaagcgg	gaggggtcac	tgccggaaga	2280
gcagctgccc	tccgaccctt	cactttgtgc	ctttagtaaa	cactgtgctt	tgtaaaaaaa	2340
aaa						2343

<210> 7518

<211> 1322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (280)...(681)

<223> similar to gil710243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7518

ctgaggggaga	gactgaggtg	catcagatgg	cagtggtaac	caaaccagtt	cccttgccgt	60
gggtggggac	acaggagaag	cacggaagca	tctggaactg	agcaatcagg	acaggaggct	120
caagcctggg	tgagtcagga	gtccgggggc	tttcttttca	tccaacccat	tgtctgctgg	180
tgtctcgga	aaagccagcc	agccagccgt	ggcccttcac	cgttcttcag	actctagggt	240
gagcccagcc	cagcgacaca	acagaaacca	agtgccacgg	gggcccgtgt	cctccaccag	300
cattttctct	ctgggtcacat	ctacgtcctg	atgggacttc	tcctcctcc	ttggaccatc	360
agctttacag	tccagaccac	cctgcagcca	cccggtggtc	tcccagctgc	cccagtctcg	420
ggcaggatgg	cttttgagcc	tggtgggaga	gaccttgcca	ggagaatggt	gcccagggca	480

ggcaagagga	cacagactct	gggagctaga	agagttgcgg	cccagggggc	caggccactc	540
ccagaggaca	ggaggcccaa	aagcggggaa	aggctccatg	ttacgggtgg	cccatgctgg	600
gagtttgtgc	tgccttctgt	ctccctgact	gcccagcgt	ggggtggtgt	ggggcaggag	660
gcatectctg	gtgttcccta	gcagcccagg	ctgtgtgcag	gggtcccat	tttgtgtctc	720
agctgcaaga	aggccacaaa	gggaggaggg	gctcatggga	ctgctgagaa	gaaggtgtgc	780
agaaaggag	tgtggcccta	gatcagtcct	ttaaaaagcc	tctgttacct	gaaaggaggt	840
caagcagaga	ggaatggctg	cgtgtgtgtc	ctaccgggca	ggacaggaca	gagggaggtc	900
attgttacac	acacatcccc	cctcctttcc	tccttccct	ccacttccct	gtgaaggcct	960
gaggcaggct	gtggccaggc	tcaggccctg	actgtggggg	acataccagg	gagggccacg	1020
cctccccaca	gacgggggtg	agtggtcagt	ggagccagca	ccctctgctg	cgttcagcat	1080
ctccgcctgg	agccagctgt	ccccctctct	tcaggctcca	tccgaacaaa	aggaaggcag	1140
agcctgagat	ccggcacccc	atccccctcc	actcagcact	gagttagagc	tgggtggggg	1200
catgtctgcc	ttcacacgct	gccttatggc	ttctgtgtct	ccaacagccc	tcagcctctg	1260
gctgctctcc	ttcccaatag	tcacaagatt	taccatgata	ataataggtt	aagacttgaa	1320
aa						1322

<210> 7519

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(1299)

<223> similar to gi6010114 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7519

tccctggctc	gcctcgcgcc	tgccggcgga	tccgtgggtc	tgccaaccca	gcagccgggt	60
gcgccgagta	ctcgtgcccc	caaaccctcc	cggagtctct	ctggctcact	ttgtgccttg	120
ttttctgatg	cagactcggg	atccgggatg	aaggcggagc	ttccccctgg	gcctggggca	180
gtggggaggg	aatgaccaa	agaagaaaag	ctgcagcttc	ggaaggaaaa	gaaacagcag	240
aagaagaaac	ggaaggaaga	aaagggggca	gaaccagaga	ctggctctgc	tgtatctgca	300
gccaatgtc	aaggcccaac	cagagaactg	ccagaatcgg	gcattcagtt	gggcactcct	360
cgggagaaag	ttccagctgg	tcggagtaag	gccgaacttc	gggctgagcg	tcgagccaag	420
caggaggccg	agcgggccct	gaaacaggca	agaaaagggg	aacaaggagg	accacctcct	480
aaggccagcc	ccagcacagc	tgagaaaacc	ccctcaggag	tgaagcgtct	ccctgagtac	540
cctcaggttg	atgacctact	tctgagaagg	cttggttaaaa	aaccagagcg	tcaacagggt	600
cctacacgaa	aggattatgg	atccaaagtc	agtctcttct	ctcacctacc	ccagtacagc	660
agacaaaact	ctctgacca	gtttatgagc	atcccatcct	ctgtgatcca	cccagccatg	720
gtgcgactcg	gcctgcagta	ctcccagggc	ctggtcagag	gctccaatgc	cgggtgtatt	780
gccctgcttc	gtgccttgca	gcaggtgatt	caggattaca	caacaccgcc	taatgaagaa	840
ctctccaggg	atctagttaa	taaactaaaa	ccctacatga	gcttcctgac	tcagtgcctg	900
ccccgtctag	cgagcatgca	caacgccatc	aagttcctta	acaaggaaat	caccagtgtg	960
ggcagttcca	agcgggaaga	ggaggccaag	tcagaacttc	gagcagccat	tgatcgggtat	1020
gtgcaagaga	agatttgtct	agcagctcag	gcaatttcac	gctttgctta	ccagaagatc	1080
agtaatggag	atgtgatcct	ggtatatgga	tgctcatctc	tggtatcacg	aattcttcag	1140
gaggcttgga	cagagggccg	gcggtttcgg	gtggtagtgg	tggacagccg	gccatggctg	1200
gaaggaaggc	acacactacg	ttctctagtc	catgctgggt	tcccagcctc	ctacctgctg	1260
attcctgcag	cctcctatgt	gctcccagag	gtaagtacag	aggaaaagga	ctccaaagtt	1320

ggcgggtgaaa	aggtgtagta	gtatagacat	aatctcacct	tcccaaagtt	acagttttgt	1380
ttttgttttg	agataaggat	ggagtgcagc	gacgtgatca	cagctcgctg	cagtcttgac	1440
ctcctgggct	cgggtgatct	tcccacctcc	gcctctgagt	ggctgggact	gctgggtgtg	1500
gccaccatgc	ccagctagtt	ttttatTTTT	cttgtagaga	tgggatatcg	ctacattgcc	1560
caggctggaa	ctcctgggct	caagcagttc	cccctgtctc	ggcctcccaa	agtgtctggg	1620
tcataggcat	gagccactgt	gcccagccac	aattatTTTt	acatattaga	attatatagc	1680
cc						1682

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<210> 7520
<211> 1136
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (399)...(644)
<223> similar to gi4981903 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7520						
ggcggcgccc	atgtaaccgc	gtccgtgccg	caaagcgaac	gggggcccgc	gcgcggggccc	60
cgcggggggt	agaggtcacc	atgctgaggg	tcgctgggag	gacgtgagt	ttgattcgga	120
cccgggcagt	taccaggtc	ctagtaccgc	ggctgccggg	cgggtgggagc	gccaagtttc	180
ctttcaacca	gtggggcctg	cagcctcgaa	gtctcctcct	ccaggccgcg	cgcggatatg	240
tcgtccggaa	accagcccag	tctaggctgg	atgatgacct	acctccttct	acgtgtctca	300
aagactacca	gaatgtccct	ggaattgaga	aggttgatga	tgtcgtgaaa	agactcttgt	360
ctttggaaat	ggccaacaag	aaggagatgc	taaaaatcaa	gcaagaacag	tttatgaaga	420
agattgttgc	aaaccagag	gacaccagat	ccctggaggc	tcgaattatt	gccttgtctg	480
tcaagatccg	cagttatgaa	gaacacttgg	agaaacatcg	aaaggacaaa	gcccacaaac	540
gctatctgct	aatgagcatt	gaccagagga	aaaagatgct	caaaaacctc	cgtaacacca	600
actatgatgt	ctttgagaag	atatgctggg	ggctgggaat	tgagtacacc	ttcccccttc	660
tgtattaccg	aagagcccac	cgccgattcg	tgaccaagaa	ggctctgtgc	attcgggttt	720
tccaggagac	tcaaaagctg	aagaagcgaa	gaagagcctt	aaaggctgca	gcagcagccc	780
aaaaacaagc	aaagcggagg	aaccagaca	gccctgccaa	agccatacca	aagacactca	840
aagacagcca	ataaattctg	ttcaatcatt	tctttctgtc	ttgaagaatg	ataggagaga	900
tgatggggct	ctttttggcc	tgaagaggag	aaggaattta	ttctttcatt	cagctctgag	960
atcccagagt	tttctgaggc	agagtccctg	cctcaccacc	cagaggatac	acactcatga	1020
catgcctccc	acacactcat	acaacaagt	acctgtcatc	caggtgatgt	gtgtcagtgg	1080
aggcaagaca	gagcatgtga	cagcacagt	gaagtgtggc	cggctgggta	ggaaga	1136

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<210> 7521
<211> 1028
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (902)...(285)
 <223> similar to gi2650133 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7521

tttttttttt	ttaaagtga	ttaatttatt	gattcatcca	ttccataaat	gtgagctcct	60
ttgaatgtta	tccttgctgg	ggggatctgt	gccccaggc	ctggcgggct	gtcacaggcc	120
aaggcctccc	cacaggagcc	ctgtgggttac	agagctgcag	gctcaaggag	cccatgggct	180
agagaggcaa	ggctgggctg	ctggtttgct	tcaggctgta	gggggtgagt	gggtggaggc	240
aatgggagcg	gccccttgcc	ccagcttgcc	tcagctcttg	gagtaacgcc	tctgcagcga	300
ttcccggtag	aaacggaaga	cgtgttgcca	agcggcctgg	gccgcagcca	ggcactgctg	360
gagctcagtg	tctgagtaga	gccccttggt	gctggacatc	agcagcttcc	gttccacgct	420
gtccagggca	aaggtcagga	ctgcccgggc	ctccttttct	tgcttggatg	taggatccag	480
cacgagggtc	ccatcagagt	ccaggcgcca	ggcgacccca	cagaagagag	cccgcagggg	540
cacacctgca	tccaccaatg	ccatgcaggc	ggcattcaga	caacaggcca	ggagagagcc	600
ggcatcgctg	acaacctgca	gcaccacggg	gatggagggtg	cgggggtgca	acgtgcccg	660
caccaccgcc	tcgcacgtgt	tctgatcag	ccgctcccg	ctcttctctg	caacaccagg	720
cagcccaatc	ttcggcctca	ggatcacttc	gagtgtggcc	ttgttgaaaa	tctctttgct	780
gaccttcacc	tcggccggcc	cgtacacacc	cgccaggaca	gaggtgtcac	cttgaggaa	840
ggaagcagag	ccatctggcc	gcgacagcag	gttctgttcg	caggcaaaagt	gccggaggct	900
gcagccagga	ccccgagggc	tggaccctgt	tccattttca	gcacggattt	tggcgtcagt	960
atgcattctc	tctccatcg	cgcgcagccc	acgtgcggct	gcagttgtca	cttccgcgga	1020
cgcgtagg						1028

<210> 7522
 <211> 2618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2619)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2562)...(352)
 <223> similar to gi1050517 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7522

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atgctatcac	aaattctaag	gaaacaggac	ttgggcaaaa	ttttttatta	tgaagataca	120
gatctaagaa	cagaaggata	attatgtgct	agcttatata	tagttccttg	taaaaataat	180
gatacatgaa	aaattagtag	aaaatgaaaa	tctgcagtta	tctgatatct	gaaaatgtta	240
agcaatttcc	cctgcattct	agttctaata	acttttgcag	aataatcaag	catatttggg	300

tgaagagagt	atttaaatgat	tccatttttta	ttaaatagtgt	agtgtgccct	tcagagcttg	360
gcgtagtctt	taagaatcat	ctgaagtttc	tggtcagca	tgatgttccc	tctggccttc	420
agcctgccac	taaagaatgc	cttctgaggg	tcaagcttgc	ccaggaccac	ctccatgaaa	480
tcttcacatg	aaagtatgat	tggtgtatca	gcagcacctt	ttgcagggcc	ttggtacact	540
tttccagaac	cacttttcag	gtcaatagtc	cacttagccc	caatatttcc	gcctttgggt	600
atatgccact	caaatacagc	atttactttc	ttcaccacct	caggcccaat	atcctttagg	660
cggcgtccta	tttcctcaaa	tacaaaggta	ctctgaagct	tcccgccctc	agaggggtgc	720
ttagctgaag	taccagatgt	tggtgcaaga	tccacatatg	catttgaaat	gacaatgtct	780
ccagtttctt	ggaccttggt	ttgaaaatga	attctgtttc	cttccttcca	catctcagtt	840
tgtagagttt	gtcctggata	tactggtttt	gcaaaacgag	ccttaattgc	cttgaatctt	900
gacacatcat	tatctgcaaa	ctgctgtaac	acacgcctgg	cagaaaatcc	aaatgtacat	960
aatccatgta	atatgggctt	gtcaaaacct	gctagactag	caaagttagg	atcaatgtgt	1020
aagggattcc	agtctccact	gaggcggtag	aaagcagcct	gattaagaga	ggtggtatct	1080
gtaagtacag	catcaggagg	tctattaggt	atggctacag	ctaccttgac	tttgtctgat	1140
gtccgttttc	caccaaagcc	tccagagcca	acaagaaaga	gagagaactg	attgtggcat	1200
ataagttcct	tctcagaata	agaatagaca	tccataataa	tactacacc	ggatccttta	1260
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tataactcta	agtactgctc	tccatgaaga	acctttgcaa	agttgattga	aagtccagga	1380
atctctgcta	atcctccacc	catcatagat	ttctgacctc	tgataactcc	gaaggtgggc	1440
aaacaggaga	aatcagaact	tccttcataa	ataaatttca	aatcttttgg	atccttgatt	1500
gacgtcccca	ctccaagggc	atacataata	gcttccagtt	ccgtataagc	ataagaaaat	1560
ggagggagtt	tctggccaat	agctccagca	aatcctgatg	ttgctgtaga	cgttgcacga	1620
ctagtatgat	ttgctgaaac	tcctccttct	gaatctatct	tactcagaac	ttcaattata	1680
ctgccagttg	attcttggat	actctgaggc	ttgctggcat	tctcaaagtc	acagatcttc	1740
ttccagttag	ccttgactgc	ctcaggagtc	attgggtgat	tcttttgtct	tacaatagct	1800
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ccattctcct	cacaactctc	gtgacaaagc	caaaggacaa	gaggtgccac	atactctggc	1920
ttcagggcct	ccacaagatc	ttcaggcata	actgtctgag	tcattccgtga	tcccgcatta	1980
ggagcaatgg	tggtacaatg	aatggttgctt	ttcctgcctt	caattgcaag	agaatttgca	2040
aggcccagaa	gacccaactt	tgacgacta	taattggcct	ggccaaagtt	gccatatatt	2100
cctgaagctg	atgaagtcac	aataatcctt	ccatacttct	gtttcttcat	gtgttcccat	2160
gctgcccgtg	tcacttggaa	tgaacccgcg	aaatgaactc	tgtggattat	atcccagtct	2220
tcatcactta	tcctagcaaa	ggaacgatcc	ctcagaattc	cagcattggt	gaccacaaca	2280
tctattcttc	caaaagcatc	cagggctgtc	ttcacaaact	tctctccttc	ttccactgaa	2340
tcatagttag	ccactgcttt	tccacctctc	cttcttattt	cttcaacaac	cttatcagca	2400
gctaaggagc	ctttaccaac	tcctttgaag	tcccctccca	aatcattcac	aacaactaac	2460
gctcctcttt	ctgcaaaagc	cagggcatag	gctcggccca	atcctgcccc	cgcgcgggtg	2520
accagtacca	cccgcccgtc	gaacctcagc	ggtgagccca	tgaataaggc	ctgcaacgac	2580
acacacacga	acaagcagag	ccgctggacg	cgacntgg			2618

<210> 7523

<211> 1887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1759) ... (1324)

<223> similar to gi3264583 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7523
gcgtcgacga gaccgagctct tgctctgttg cccaggctgc tggagtgcga tggcgcgatc      60
tcggctcact gcaacctcca cctcctgggc tcaagtgatt ctcccgttc agcctcccga      120
gtagctggga ttacaggcat gcgccaccac gcccggttaa tttttgtatt tttagtagag      180
acggggtttc tccatgttgg tcaggctggt ctcgaaactcc ggacctcagg tgatccacct      240
gcctcagcct cccaaagtgc taggattaca ggctgagcc accgtgccgg gcacgtttcc      300
tttaaagagc tttttttttg tttatttttt gagacggagt ctactctgt caccaggct      360
ggagtgcaat ggtgcaatct cagctcactg caacctccac ctctgggct caagcgattg      420
tcctgtctca gcctcctgag tagctgggat tataggcaca caccatcatg cccagctgat      480
ttttgtattt tttagtagag atgggggttt caccatgttg gccaggctgg tctcaaactc      540
ctgacctcag gtgatccgcc tgccttgccc tcccaaattg ctgggattac aggcattgagc      600
caccacaccc agccagatgc tgttagcttc aaactaactt tcctaagtta actttatatg      660
tatatgtaca catataaatt ttctaagctt tcaaaatgtt tggataaaaa acaattattt      720
tgcaaatctt caactgggca gatggttggg gtctgaaata gaaataaata aaagcaaagc      780
aaacaaaata ttccaaagtg atagagaatg tccacaagct acttaacaac atgaattcaa      840
ggtagagtga aaaaccagtg gtcttctctc tcattctcag gtcaataatt tagaaaaaat      900
cccttcagtg ctactaagct tcaggctttg taatgaggac tgaaaattcc aggggaaagg      960
aagagaaaag gaaaggaaaag aaatgagctc atgcaaagat caacatatca ttttattaat     1020
tctgattcct tttatcatgt gcttttttat acaaagcact ttcaaataca ttacattatc     1080
ttaaatttat aataggagt tcttttcggat tcagtttaaa aatgacaaat agcattcggt     1140
gtgcccagt tagaattaca ccaaaattac catgtgctgg cacataccat catccactg     1200
gtggctggaa aactgggttg caggagtgtc tgtcactgag atggggccacc accccagtgg     1260
ccatatggta gagatgaggg aaggatggac tagaagcaag ctgggtcttc tgggtcgtct     1320
ctactccttt ttcacttcat caccgttttc cccactgagc ttgaacacag gaatctgctg     1380
accatccttg agctctaaaa agacctcgtc aagggtgccac ctctgaaagg ggccacctct     1440
ggatgagtgg acgtagagaa ggccctctga tttggatcca gagacaggaa tcttcaactt     1500
ggcatcaaca atgtccacga agttttccct gtcgatgagc ttgagataat ggatgttgag     1560
aggaggggcc agagcttcc tgcctcggg atggctctgc agctgctcca ctgccaactt     1620
gtaatataaa gccctggaat gaaacttttg aatgaggtaa tacacaatgg caaagcccc     1680
ggcatagaac acaccgtgga aaaggatcct tgctccaga ggcatgacc gcctgcttcc     1740
tgcatacttt tgccacatca tagcacaact ctcttgaaaa tcatcaaagg caagttgtcc     1800
tgtgagcaac agaagcacca cgctacaaag agcatgacga gttcttccag gcttgggaaa     1860
gcacgggtaa atgcccgcg tcctgcg      1887

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<210> 7524

<211> 2811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (324)...(2232)

<223> similar to gi4902608 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7524

```

gggtgtgactg aagaaatatt aaatgtttcc ctagtaagac agcaactcag gactctagga      60
tggagaagg tgtctgaccg taaattacac ctgcagtgc accagcagac taatggggat     120
gaggttctgg tacaagatga tgaacaccag tatgtcagac aatgacttgg gagctggaat     180

```


caaggacatg	accaagagca	gcaagaacaa	aagggagact	gacacattga	tcactttctc	240
aacctttgat	ctcttgagag	gatgggtcac	at ttgagtaa	agacagggga	gtttgttttc	300
agaatgacat	actagtctgc	aggatgaatt	tcataactga	cattgcacct	tggactgcaa	360
ctaggacttt	cactggaatc	agagaaagag	ttttgaagaa	aactgggcat	aggetcagca	420
aaaccaaaca	gaagaggaac	agaaaaagaa	acaaaaagca	gaacagtcag	aatagaatca	480
tggaggaaaa	ctcattagaa	ttcttaagtg	atcttacacc	gggagatcag	gacccatctc	540
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ttttccaaat	gtattcattg	tggtaaaata	caccaatata	aaatttacca	tcttaaccac	2700
ttttaagtgt	gttataaata	cattcatgct	accatcacta	gcattccatct	ctggaactct	2760
tttcatcttg	caaaactgca	attctatacc	cattaaacaa	tgacctatag	c	2811

<210> 7525

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (556)...(426)

<223> similar to gi3150527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7525

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agaacagcta	cccatctcaa	accccaggag	tcaccagccc	ttgggccctc	acatccctgg	180
agcctcagcc	ccctccacac	acgtgctgtg	aatcataggg	ggatcaggat	actcctgctc	240
acagacaccc	atctccccct	acaaaaata	acgtgggct	cctccttcca	ccctgactct	300
gcctctctgt	ctgcaggagc	ctggtcgggg	tgctccacag	aagctgtgcc	tgggcttggg	360
agccaaggcc	atgtccctct	cccgccagg	ggagacggag	cccatccaca	gtgtcagcta	420
tggccatgtg	gcccctgcc	agctaattgg	ccccacacc	ctggccttga	gggtgggaga	480
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agaagggaag	cgatgtcagg	aagcatttac	agaacaccaa	acctgggcca	ggtagagctc	600
taagcactgg	ggatccagca	gtgatcacag	acaagctgaa	ggagcttaca	ctagagtgga	660
gtcagacaat	aaacaaggaa	tcccaggcta	tgaagacagt	gagaaatgct	acaaaggaaa	720
gagtgatgtg	acaggaagcc	aggggaagggt	tctcaaaaag	ggtgccattt	aagctagcca	780
gggaagannn	nnnnnnnnnn	nnnnnnnnnn	ngaaagaatt	gcaagg		826

<210> 7526

<211> 2393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (280)...(2301)

<223> similar to gi4138922 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7526

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ctccccgaca	caggcacaca	ccccccgaca	ggcagcacaca	cccacccac	agtgcccggc	180
tcggctgcgc	ctcctctatt	ggcccaggaa	gcccacccag	ccccgccacg	cagagcccag	240
aaggaaagaa	agcctcatgc	ctgagccgag	gggagcacca	tggatctgac	aaaaatgggc	300
atgatccagc	tgcagaaccc	taaccacccc	acggggctac	tgtgcaaggc	caaccagatg	360
cggctggccg	ggactttgtg	cgatgtgggtc	atcatgggtg	acagccagga	gttccacgcc	420
caccggacgg	tgctggcctg	caccagcaag	atgtttgaga	tcctcttcca	ccgcaatagt	480
caacactata	ctttggactt	cctctcgcca	aagaccttcc	agcagattct	ggagtatgca	540
tatacagcca	cgctgcaagc	caaggcggag	gacctggatg	acctgctgta	tgcgcccgag	600
atcctggaga	tcgagtacct	ggaggaacag	tgctgaaga	tgctggagac	catccaggcc	660

tcagacgaca	atgacacgga	ggccaccatg	gccgatggcg	gggccgagga	aaaaaaggac	720
cgcaaggctc	ggtacctcaa	gaacatcttc	atctcgaagc	attccagcga	ggagagtggg	780
tatgccagtg	tggctggaca	gagcctccct	gggcccatgg	tggaccagag	cccttcagtc	840
tccacttcat	ttggtctttc	agccatgagt	cccaccaagg	ctgcagtgga	cagtttgatg	900
accataggac	agtctctcct	gcagggaact	cttcagccac	ctgcagggcc	cgaggagcca	960
actctggctg	ggggtgggcg	gcaccctggg	gtggctgagg	tgaagacgga	gatgatgcag	1020
gtggatgagg	tgcccagcca	ggacagccct	ggggcagccg	agtccagcat	ctcaggaggg	1080
atgggggaca	aggttgagga	aagaggcaaa	gaggggcctg	ggaccccgac	tcgaagcagc	1140
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cccagccaca	cggtctctaa	acgccacctg	cgctcacata	caggcgacca	cccctacgag	1920
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caccagcgct	cccgggacta	ctcggccatg	atcaagcacc	tgagaacgca	caacggcgcc	2160
tcgacctacc	agtgacccat	ctgcacagag	tactgcccc	gcctctcctc	catgcagaag	2220
cacatgaagg	gccacaagcc	cgaggagatc	ccgcccagct	ggaggataga	gaagacgtac	2280
ctctacctgt	gctatgtgtg	aaggagggcc	cgcggcgggtg	gagccgagcg	gggagccagg	2340
aaagaagagt	tggagtgaga	tgataggaag	gactatgaca	aataaaaaaa	aaa	2393

<210> 7527

<211> 1689

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (253)...(697)

<223> similar to gi4883435 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7527

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gggtgaggcg	gtgtctccag	gctgaggagg	gacgcggagg	agggtcgggc	gcggcccccg	180
gactggaggg	tgagtccctc	acaaagggcg	gagcggggct	gtcacctgga	gatcacggag	240
ggaagtccat	ccatgagctc	ggatttccca	cattacaact	tcaggatgcc	taatattgga	300
ttccagaatc	tgcctctcaa	catatatatt	gtgggtttttg	gtactgctat	atttgtcttc	360
atccttagtt	tactcttctg	ttgctacttg	attaggctaa	gacatcaagc	acacaaagaa	420
ttttatgcct	acaaacaggt	tatatataaa	gagaaagtaa	aagaattgaa	tttcatgag	480

ctctgtgcag	tgtgcctaga	agacttcaag	cctcgagatg	agttggggat	ttgcccattgt	540
aagcacgcct	tccacagaaa	gtgccttatt	aagtggctgg	aggttcgtaa	agtgtgtccc	600
ctgtgcaaca	tgccagttct	acagctggcc	cagttgcaca	gtaagcagga	ccgtggaccc	660
cctcaggggc	cccttcctgg	ggcagagaac	attgtatagc	ttaccgcaag	gatcagactg	720
ttgctggaca	cgacgtctgt	gtggagccag	gaggaacaca	tgtggtgtct	gtatggctgc	780
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aaactgggaa	cctaggtgtc	tgggtcttgt	gacaacccaa	gcacttttga	cactaccccc	900
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cttggaag	cctagtcaga	agccatttcc	tcttatcatt	tccctctcct	atgcaccagt	1380
aaggcccgtc	cagagcccca	gcagggagt	ggccctgagt	ccacactgtc	cctgagtgat	1440
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aaaaaaaa						1689

<210> 7528

<211> 2483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2414)...(267)

<223> similar to gi5739208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7528

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ttgcaactat	tcttgcttta	tctggaacag	tttactccgt	tattgaatat	ctattagtgt	180
ttaatataga	agagcttaat	aaaccgctaa	tccgaaaata	atggatttcc	cttgcttttc	240
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ccactctgcc	agcagttcct	tttgtactgc	ttctggtagt	tcataaaaa	cttgaggatc	360
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gaaaagttgc	tcactctgca	agtttgga	tgaatgaaaa	gcagacacag	cagggtttga	540
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attaaagcct	gatgttcccc	gttcacaagg	agatacagag	gatacctgtt	tgctactgga	720
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gtcaacacct	tcaggaagt	aacagagtgg	gaattcatta	atgtcttttt	ctttagaaaa	960

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gaa atccc gg	ttt gtttct t	tgt ctttgg g	aaa atcttc c	at atgagt gt	ctt tcatttt	1080
aaa actgtgc	ttg ccagag c	gt gaagtag t	tg ata atgat	gg cattaaat	aata atcaat	1140
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aag gtgaa at	gg catcttc a	catt caccat	att tcgaaaa	agt ttcata a	gt atatca ac	1260
catt ggggtc	at cacatcat	aatt tcctgt	cc ctaatttc	tga attacat	gt gaagga at	1320
agg gcactga	cg actctcac	gacc atagtg	ctt tctcag ag	ga ataccgac	gg attattaa	1380
tct cactgta	tg aggtcttc	ttt catcttg	gc ata atctg	ttt aaaagac	tag caagtag	1440
tt cttcaatc	tt atttttag	ctt caacttc	ag atgaacat	ttt ttaa atg	aat cttcttc	1500
act aaaggac	tg aggtgggtc	ct gaagtagt	cac aggggag	tt atcctctc	caaa actgag	1560
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gcc aatacca	gg tatttcct	tt atgtgatt	caa actatga	ata agatgtt	gaca actttc	1740
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ttt attagaa	gcc actccag	cac agccagt	gag cccaac	tg attataca	tg gcttcccg	1860
cat ctctgct	gca atctgag	at ccaacaag	tag tctgatg	tg caagacgt	ca agcaggtt	1920
tata gactga	tt attgtata	cat gacccca	cac agtcacc	gc agaaagtt	cat cactttg	1980
cag ctgctgt	agt ctcttct	ca accatttc	tg tttagatcc	acaaa atttt	cat caaatcc	2040
aag tctctca	aca actggac	taa attcttc	cag taattct	gt aaccttat	aag acatttc	2100
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tt ctacttgt	gc ataaaagc	aat ccagatc	cac atgtact	at gactctgg	at gaagcatt	2340
tg gtgtgggc	aac acttgat	cat gaactcc	ct gcgagctg	gct gccgccc	cc acgtccgc	2400
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ct ccaccccc	ag ctctctacg	aaa				2483

<210> 7529

<211> 3568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (198)...(2017)

<223> similar to gi4768831 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7529

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aag tgggtcac	agt gtctgcg	acc ggggctg	cca acggcct	caaca atggg	gc aggcggga	120
cct cggcgac	gacc agcaac	ccg ctgtcgc	gca agctgca	ta agatcctg	gag acgcggc	180
tgg acaacga	ca aggagatg	tt aga agctc	tca aggcact	tt caaccttt	ttt gttgaaa	240
at agtctgcg	gact cgaaga	aatt tacgtg	gag atattga	ac gtaaaagt	tt agccatca	300
at gaagaatt	tg taagcatt	tt caaggaag	tga aggagga	act tgaaagc	ata agcgaag	360
at gttcaagc	aat gagcaac	tg ttgtcaag	at atgacaag	tc gcctacag	gc agcaaagg	420
aac agactca	ag atttaata	gt taaaacca	cta agcttca	at ctgaaagc	caaaa attag	480
ag ataagagc	tca agttgca	gat gccttct	tat ccaagtt	cca actgact	tct gatgaaa	540
tg agtcttct	tc gaggtaca	ag aga aggac	cc attactga	gg attttttc	aagg cactgg	600
ga agagtaaa	ac agattcat	aat gatgtca	aag ttctctt	gc gtacaaat	ca acaaacgg	660

cagggtttaga	aattatggaa	cagatggcct	tacttcaaga	aacgggttat	gaaagacttt	720
accgatgggc	tcaaagttaa	tgcagaacat	tgacacaaga	atcatgtgac	gtatctccag	780
tattgacaca	ggcaatggaa	gccctgcagg	acagacctgt	cttatataaa	tataaccttag	840
atgaatttgg	aacagccaga	agaagtacag	ttgttcgtgg	atattattgat	gcgctcacaa	900
gagggggccc	cggaggtaca	cctagacca	ttgaaatgca	ttctcatgac	cctttgaggt	960
atgtaggaga	tatgttggct	tggtccatc	aagctactgc	ttctgaaaag	gaacaccttg	1020
aagctctctt	aaagcatgta	actacacaag	gtgttgaaga	aaatattcaa	gaagttgttg	1080
ggcatatcac	tgaaggtgtg	tgagggcctc	ttaaaggttcg	aattgagcaa	gtaatagttg	1140
ctgaacctgg	ggcagtttta	ttatataaaa	tttctaattct	cctcaaattt	tatcaccata	1200
caatcagtg	tattgttggg	aatagtgcga	ctgcattatt	gactaccatt	gaagaaatgc	1260
atgttgctaag	caaaaaaata	ttcttcaata	gcttgagtct	tcagtcaagt	aaattaatgg	1320
acaaggttga	actcccacca	cctgatcttg	gaccaagttc	tgactaaaat	cagacactca	1380
tggtgctg	tgaagtttta	gcattctcac	attcttcagt	tgtaccatta	gatgctcgtc	1440
aagctgattt	tgtgcaggta	ttatcatgtg	tcttggtacc	tctcctacag	atgtgtactg	1500
tatcagccag	caatttaggc	acagctgaca	tggccacttt	catggtcaat	tcactatata	1560
tgatgaagac	aacattagct	ctatttgaat	tcactgacag	acgtctggaa	atgctacagt	1620
ttcagatcga	agcacatttg	gacacactta	taaatgagca	agcctcttat	gttttaacta	1680
gggtaggctt	gagttacatc	tataacactg	tacagcaaca	taaacctgaa	cagggctctt	1740
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gttatctgtc	agccccagac	aacctattga	taccacagct	gaactttctt	ctaagtgcc	1860
cagtgaagaa	gcagatcgta	aaacaatcta	cagaattagt	ctgcagagcc	tatggtgaag	1920
tgtatgcagc	cgtgatgaat	ccaatcaatg	aatacaaga	tccagagAAC	attcttcacc	1980
gatcgccgca	gcaagtgcag	acgtctcttt	cctgattatc	ttatttcatt	gtgttagcaa	2040
aatatgacct	ccctaaaaca	ctgaagggtta	ttttttattc	tttgaatttt	tactctataa	2100
tttgatagtt	acagttttct	ttgtatcata	agattgtaag	tcccgataat	tttttttttt	2160
ttggtctcag	taacagggaa	gtaagtaaca	tgttgacctg	agctagtatt	gctgggtatc	2220
tactctaaag	gagatgatct	atttttttgc	tagccatctt	tccagctctg	cagttttcac	2280
tgttttcagg	aagcataaag	tagtatgaaa	ggtttgaaaa	atttttttta	caaaactagt	2340
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ctaataaatg	tctccttacc	taaagattca	tttgccttct	tttaatatga	gtaggcatac	2460
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ctttctgttc	tacttttagca	tactatata	atgtgactgt	gtacattctt	atgcaatttt	2640
aagtatacac	tcagcaataa	ttagaaaaaa	aggagagaga	aaagtgattt	aaacaggggtg	2700
gattccactc	tgtgggagcc	ttcgatggaa	ctcaagggtg	agctcagcct	ttccaatgag	2760
ctctaagcat	gtagatagcc	tgagctgtgt	ctaagcctgg	tgtttaaaga	tgggtatttg	2820
tcatacaata	tgggtcctaa	atccaaccaa	ctacacattt	tatctgggtg	tcaaaccaaa	2880
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ttacaaatga	gaaaattgaa	ggcacaaggg	aaaaaaataa	cctagtttgg	aaatattttg	3180
gaaaagtaat	aacataaaac	tagtatattg	agaagattat	gtgttgata	taacaaatta	3240
gtatttatag	aatatgacct	atttatctga	agtttataat	tgtttatacc	taatacagtt	3300
ctttttggag	taagaatgat	tatataatcc	gttatcccat	ttgggtataa	atcctgtatt	3360
tttagttttt	tccctttgat	tagtatgtgt	tacatataaa	gacagaaaat	aaagtataaa	3420
tcaagagctt	aaattgtata	taattttatt	ctacagagaa	agaagattga	taccttgcta	3480
tgagtgaatt	cctttgtttt	atagggaaaa	tttattgtgc	tttttacctg	gttttttcaa	3540
ataaaatatt	aaaatattaa	aaaaaaaa				3568

<210> 7530
 <211> 1941
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (242)...(1322)

<223> similar to gi4096339 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7530

gcggcacacc	tctccttttg	gcctagcagg	gccagagaaa	gacggaatca	ctctaccac	60
tcagcccgga	gaaatagggg	agtgggggccc	caagaacgag	aagacgagaa	cgcgtcgccc	120
tgcgctatgt	cagaatgggg	cggtgtgag	gggaacagct	ctcttgcat	cagctcagga	180
gtatgagcct	cccggaggac	ggcatgagtt	ctggacactt	caggagtcct	cagctagtga	240
catggctgat	atggataaac	tcataaaca	cttgagggtc	caacttaatt	cagaagggtg	300
ctcaatgcag	gtattcaagc	aggctactgc	ttctgttcgg	aacagagatc	cccctgagat	360
agaatacaga	agtaatatga	cttctccaac	actcctggat	gccaacccca	tggagaaccc	420
agcactgttt	aatgacatca	agattgagcc	cccagaagaa	cttttggtta	gggatttcag	480
cctgccccaa	gtggaaccag	ttgacctctc	ctttcacaag	cccaaggctc	ctctccagcc	540
tgctagcatg	ctacaagctc	caatacgtcc	ccccaaagcca	cagtcttctc	cccagaccct	600
tgtggtgtcc	acgtcaacat	ctgacatgag	cacttcagca	aacattccta	ctgttctgac	660
cccaggctct	gtcctgacct	cctctcagag	cactggtagc	cagcagatct	tacatgtcat	720
tcacactatc	ccctcagtca	gtctgccaaa	taagatgggt	ggcctgaaga	ccatcccagt	780
ggtagtgcag	tctctgccc	tggtgtatac	tactttgcct	gcagatgggg	gccctgcagc	840
cattacagtc	ccactcattg	gaggagatgg	taaaaatgct	ggatcagtga	aagttgaccc	900
cacctccatg	tctccactgg	aaattccaag	tgacagttag	gagagtacaa	ttgagagtgg	960
atcctcagcc	ttgcagagtc	tgcaaggact	acagcaagaa	ccagcagcaa	tggcccaaat	1020
gcagggagaa	gagtcgcttg	acttgaagag	aagacggatt	caccaatgtg	actttgcagg	1080
atgcagcaaa	gtgtacacca	aaagctctca	cctgaaagct	caccgcagaa	tccatacagg	1140
agagaagcct	tataaatgca	cctgggatgg	ctgctcctgg	aaatttgctc	gtcagatga	1200
gctcactcgc	catttcgcga	agcacacagg	catcaagcct	tttcgggtgca	cagactgcaa	1260
ccgcagcttt	tctcgttctg	accacctgtc	cctgcctcgc	cgtcgccatg	acaccatgtg	1320
agccgcacag	gtcacactag	agaagctgcg	ctggtatctt	tcctggctcg	gtgctgaggt	1380
tgggacaatt	ttttcctctt	ttgacttcag	cttgcatatg	gggttgaagc	agcccaactgg	1440
agccaagttg	agggagattg	gaaggaaaag	agagctgggt	cttcccgtgg	ggctttttca	1500
tatttcttac	cttcacttct	ccactgtcca	gaccctgttt	tttcaacctc	cacatggggt	1560
gaattccagt	gtggcaccac	atggctgccc	ttccccatcc	ccccctgcc	tctgaaatag	1620
gacatttttc	cctacagtaa	caaaacagga	atcaaactca	aggctgtgaa	caaacatacg	1680
ctgctttatt	ctttccaatt	tttctcttgt	tttctaagaa	ctcttatcca	tatgttttta	1740
aaataagtac	ctaaaagtgg	tttgatagt	tcctaaacga	cttttttaac	ttcctaaatg	1800
gaaagagcat	aacaatgtag	ttgattggta	agatttacag	ggatttggtt	tctgagtttg	1860
aggcacattc	ccagtgaata	agctgagtcc	cataccacac	tcaaaagggt	ttaataaatc	1920
taatcctatt	tcttcttaaa	a				1941

<210> 7531

<211> 2909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1594)...(689)

<223> similar to gi5823554 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7531

tttttttttag	tgctaaaaata	taacatttta	tgctcacattg	ttgggcgact	cccattttact	60
ttttccatat	atacagtgaa	gacttacaat	agctcacaat	gcagttaaga	attgcattttt	120
aataatctca	aactaccatc	taatggagga	aagaataagt	ttgtcagaaa	accagtacag	180
ccatttttgc	attaaaattt	tcctttttta	taattttatt	aaataaggta	tttgaagcag	240
tttagaaaaa	acaagatttg	tatttttatt	ccttgtaaaa	atcttttacac	atgcagacaa	300
accagtgtta	agaaagtatt	caccatcatt	taaacaaata	accacttaaa	tagaacagtg	360
tctgcaattt	tatctgtata	aaaataagat	acattttttac	agaattcacg	ctccagttct	420
tatagcaata	aacaatacac	aactataata	aagtacaatt	gaacctgacc	atggtttttta	480
attagatact	gctagggcat	tttaatgtgc	aaaaaaatta	acatagttct	tttcaaaaaga	540
aactgtcctc	agtgttctag	agacctagag	ggtttcaaga	aatcaaattcc	taatcagttt	600
gcgtttaatg	tttttgattg	agtcacata	tcacactgta	gataggcaaa	accaagaact	660
gatgcaggct	caaaggaaga	gaaagtcagc	gcctgtgcct	gccatgtcct	gagcgactgc	720
caccatggtg	cttgctttta	tgggacctct	caaaggagcg	agatcgttca	cgctgtccc	780
tatgatgtcc	cctttcatgc	ctgtgtttct	tggctgcac	tgagtgatcc	cgagacttgc	840
tctgagatcg	agaacgagat	tttttccctt	tatgaccatg	tctgtttgaa	cttttttaaat	900
catctctggt	atgcttggcc	ttaagggtgag	gagaaccatg	attatgatgt	cttcgagggc	960
tttcaactgt	actgcgggac	ctgcttcttg	atctcgagct	gtatgttcca	gatcgactcc	1020
gcctattatt	atagtgtctt	cttggagtat	gtgatctaga	acgtgatcgt	gttcttgacc	1080
tcgatcgact	tgcacttctg	ctatttctac	ttctcttgct	gtcttttctt	acaccattgt	1140
aagggtcttt	ggaagcctgt	tgtctatcct	caggttcttt	tttgactgtc	ttcacattaa	1200
tggagattgg	tgatttctct	tcagctttta	cttctcttgg	tgatgatggc	ttggaggctg	1260
gagaaaaatc	accagggtt	gaaagggctg	gagttccatc	cggattcaat	ccctttgtct	1320
ttaatttggt	ttcttgtaag	gctacttttc	ttttttctac	ttctttttcc	agtaattcat	1380
agtttggtct	ttttctggta	taaagcctaa	gtgtttctat	gcagatttcc	tggatttctc	1440
cttctgtagt	acaaaaaaga	agaaaccaat	ggggacgagt	tggcaacgga	atctgaaagt	1500
ctctagctgc	aaggtagatg	caagcacatg	ctatagtctc	tggttgaaat	cgaacaaaca	1560
cattgggttc	aagactgtca	ttcatgtaat	tcctgaaaaa	tatttcaact	ataagcttgc	1620
atgtaaacaa	accagttctt	ctgaagctta	cataaaattg	gagactcaat	ctactttatt	1680
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aagttaatat	atttctgtaa	aaagcaatgc	ttttcaaagt	caattctgac	acgattagtt	1920
tcagaaatga	taaaccactc	caataatact	tcaagccatt	aattactgac	catctctcct	1980
ttatccacaa	taaaagcagt	gtcaaccaag	ttcttttcaa	aagctcaaaa	taccgttaac	2040
aggggtaaaa	aggcattttc	agtaagtacc	aagttaaact	tatattaaga	aagctaagat	2100
acttagaaaa	tctagatagg	gaaataaaga	gcaataaaca	catataatgg	ccttgttttac	2160
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tttattaatg	aacctctccc	acaacattcc	taaactatca	aagaaatttt	acagatcatt	2280
taaaaggtta	agctgaaatt	aaatggacta	tttcttaaaa	atcctaaacc	atgagaactg	2340
ctataatcca	ttttatgcaa	cacatactta	aaatgtcatg	cattttataa	aaataatgag	2400
acttttctaa	cattacaaat	atttactgag	tccaaaagaa	gcatggcagt	cataaaaagg	2460
acatcttgct	gggaagccca	gaatataaaa	attacttcac	taagtccttc	acatcaatag	2520
tcttaggaaa	cagtagttgt	ggctgaacca	caaactcctt	ggcttgacct	ttaaataagc	2580
cagcactcca	aatcacacat	ctgcatctca	agaagtccaa	gtgctaaagc	atttaagcaa	2640
tattatagta	acatctcttt	taaaaatgaa	gtgcttcttg	cttctaatat	tattaccgcg	2700
aatacagcca	agcagttata	taaattaagc	cagtggtggg	actgggtgcc	attttaagct	2760
gcaagtttgt	cgtctccttt	ggtagtattc	atgctataca	cactaaaaat	aaaaatttag	2820
tcaaaactct	aataaacat	ttaattcata	atggctgcac	aacaaatcta	tcaaaaatga	2880
actattcatt	ttgatagtta	caagtatac				2900

<210> 7532
 <211> 1359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1360)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (492)...(333)
 <223> similar to gi5679460 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7532

tgaattgcat	atgaaaatta	tagtttattg	tctatacaac	tgaaggttta	actcggactc	60
ctgcttctgt	cggagctgta	taaagaagca	attcttctct	tagaaciaaat	aagcacagta	120
cactattgta	atctaagaaa	caggcactat	ttatgtattg	gaaagccttg	ctctcaatag	180
ggctaacagt	ccaatggccc	ataagccact	attttagcag	ctgtagaaaa	gaaagctgtg	240
gaagtcacaa	ggaatgagat	gctaaaagca	acagagacag	atgatcccaa	caccagcggg	300
aggtttcaag	tcccagctgc	tgcccctggt	agtttagcaa	gcaagactcg	taggttggga	360
ccacgtactt	aatgttgata	aaggcatttt	ctcctccgta	gcgctcgaag	gcctccagtg	420
tctcctggat	caagtcccca	atgttctccc	tcttctgctg	gctgtagtca	atgccgtctc	480
cggagttcac	attcatattc	ttaaagatgt	tcaggacagg	gaggatttga	cggtaataag	540
gcaccaaggc	cttgcccacc	atctcagctg	acacaaccag	atgctggagg	accttgagag	600
tgacacagat	gacctgtcgg	tttcggaggt	tcaaggcatt	ttttatcggg	ataatgagct	660
gtggaaggac	aggtaggatc	ttgttcccac	cgtgttccag	catgtcgtgg	attccttgcc	720
gagcaaaaaa	ctcataggga	aatgtcattt	cacaaagccc	atcaaaaaac	agaggcagat	780
aatgatggta	atccagcttc	tcaatttcta	ccttccaggc	gattttgttt	cctttcgaat	840
catgctcaag	ggcaattggg	aagtcacctc	gctcatagaa	ttttcgaaat	gctgtgggct	900
tggttggctc	ttctttaaat	gcccctgcag	ctggagggcc	tctcacgact	gagtttttca	960
tcatggcttt	gactgtgaaa	ccctcagaaa	ccagagagtg	aggctgggtg	accgggagcg	1020
gctgttggtc	cagcagcttg	gtcctcttcg	gcattctgtc	tgggcatttg	tttaagctca	1080
gggtctcttt	ttctgccacc	atcttccctag	aaaatgtctt	gttctcataa	aaagtgtagt	1140
aaaagaatca	gtgggcttta	cggatgtgag	caggaggtct	tcgcctctca	cctcactggc	1200
cggttgtggt	gcggttcagg	acccatcgag	acccactctc	tgtggggctc	tttcaggaaa	1260
ccgcagcaaa	gcattaaact	ctaattggaag	gcacctggtg	aggggtggctg	gctccagaat	1320
tccgccgcac	aanctagtgt	ctcagttnc	cctccgccg			1359

<210> 7533
 <211> 1084
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (81)...(463)
 <223> similar to gi5771451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7533

tgcagcaggg	gcagcgcgtg	cggacccggg	gccggcgcgc	atgcgccagc	gcgacgcctt	60
tggaggggtg	cgtggacctc	agctaccccc	gcacccacgc	ggccctgctg	aaagtggcgc	120
aaatggtcac	cctgctgatt	gccttcatct	gtgtgcggag	ctccctgtgg	accaactaca	180
gcgcctacag	ctactttgaa	gtggtcacca	tttgcgactt	gataatgac	ctcgcctttt	240
acctgggtcca	cctcttccgc	ttctaccgcg	tgctcacctg	tatcagctgg	cccctgtcgg	300
aactttctgca	ctattttaatc	ggtaccctgc	tcctcctcat	cgcctccatt	gtggcagctt	360
ccaagagtta	caaccagagc	ggactggtag	cggagcgcg	ctttggtttc	atggccacct	420
tcctctgcat	ggcaagcata	tggctgtcct	ataagatctc	gtgtgtaacc	cagtccacag	480
atgcagccgt	ctgatgaggc	cacaaccctt	aggccctca	ggagctttgc	agagaggagg	540
acgtgtactc	caggcgaggc	ctctggacct	gtgttctctg	gccaaagtcc	tgtcaggctg	600
gtgggcacca	ggaaaggcct	gcacctctt	cctgctctcc	caggaagcca	gctccctgag	660
ctcctgagcc	agccggaaac	tcttctctca	gccttccggg	gagaacatcc	ctcccattct	720
gggaaaggaa	agcagcctcc	agggaaatgt	tttctgcctt	cctgcttcta	gaaccacctc	780
aggtactgat	gaacccact	tagcacagct	gaaggggttt	gtgaatactc	cgcctaaat	840
cccttctact	tcactcctca	ggggagtga	gtgccttaag	aaacaaagcc	ctgtccta	900
ttatctagct	tgtcagtcgc	gtcttagaga	tacctcttt	cctgaagtga	ggcgtgcctg	960
tagaaacact	atgtggtcag	cctgtcccca	aggagatctt	gtgtctcctc	tccatctctg	1020
cctttgttac	cagtgtgcat	gtgtttgtgt	gtttttta	aaaatattga	ctcgccagct	1080
taaa						1084

<210> 7534
 <211> 3478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2240)...(1195)
 <223> similar to gi5912111 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7534

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gtgccagaac	atggtgcagt	tgaacatgct	agtaatgttt	gtcatgaagc	acctgtgctc	120
atgttagatt	ggcggcgccc	cactactgct	agtggttccc	gggaataaat	gccagagcag	180
cgctagtgt	tctgctcttc	tgcacagcta	gtgcagagaa	ttcctgaaca	gttccccctta	240
ttaatcctaa	ccccacacg	cacacaacag	gttaaaaaaa	acacaccctg	gacaggctta	300
acagatctat	acacaatcac	tctacagtaa	tgcttggtat	taaattaaga	tgtaatgacc	360
tggttaacct	actctaaatc	ttgaagatgg	agaactacat	cagcagcaga	tagttatatg	420

catgaggcca	atgttaacat	aatacagaaa	gtggaggcct	tttctgatta	aagctccacg	480
cagacccgca	caatgagtgg	ctggcaattc	ttactgcaag	cccagcaact	taagtccaca	540
cctggtaaat	gaccagctga	ctggaagacc	tgtattctag	atagacaagt	ataagttagt	600
gaaaagagaa	tacatgcacc	taatagtata	gttagactga	tcttcagtc	atagctttcc	660
ctgtgtaata	ccataaaatt	atggaagatc	ttcctcaact	agagtatagg	atthagacat	720
ttctatacca	acacggacat	tagtgtttaag	tgcagttgaa	ttaattacac	tgaaaactgt	780
attccaggac	ttcagaacag	aagcacggga	atgaaacaca	catactaaaa	taacctcagc	840
acaatttggtg	atacatcaca	ctaggaacag	gaaactactt	ttataaatga	actttttgaa	900
ctgtacatac	acagggctaa	caatgttaga	taatccagat	tcttatactc	tcatgattac	960
acataaagtt	tctcaattat	tgaataatct	atctcatatt	atggaagcat	atctttctgt	1020
aagactcact	gatatatatt	atactgatgc	aaatattaag	tagggcataa	aaataaaatt	1080
tatcaaagat	agaattttat	gtactcatat	ttagttcttt	catagcctct	tttgtttagc	1140
aaagaaaatg	acaaagcaca	taactcaggc	gtgcactccc	tgaacttccc	cactatacag	1200
gtggtagtgc	aaccattttct	ccatccagtt	caaactcttc	tgtcccatcc	gttgaaaaaa	1260
gataagttgg	tggtttccat	ggagactcct	caaggcagga	tggatagagt	ttccccacag	1320
tgcacgaaa	atctctcccc	aagtcccaca	gtacacgttc	agatatatgc	tgccgcagag	1380
accaccggtc	aagttccagg	tcatattggt	aggtgacgta	tttagctcgc	tcatttaagt	1440
gggtttctcg	cataaacaca	catagagaat	ttgagatcac	aacagctcta	acacaggggt	1500
cagagtacct	cttagcaggg	atgttggtcg	ccattttcca	ctcattttta	ttcacatcat	1560
aaattttccac	agttactgaa	gacccatcta	cagtgccaga	ggggagtcct	atgccggaat	1620
tggtagcaat	atgcaaccct	ccaatataga	aaattttatc	acaaaagct	gcagctgaag	1680
caaaggacct	actagtctgt	ctcatggcca	tttctaccca	tgagtcagac	cttggaanaa	1740
aacagtacat	gaggttcagt	gtcatcacat	aatgacagtc	atgaaccaca	actgctgcac	1800
tccattgcc	agcacaaggt	aaagggctta	ccatcgctca	ctcatcttct	tcagtgtcgt	1860
atctttctac	ggtctctcga	ttaagttctc	cacctacgct	atctctctca	attgcataga	1920
tatagccttc	acagcaaacc	aaagatggct	ttatgctggc	aaaaagcatt	ggggtctttg	1980
gaaaccagg	atcttgctgt	gcatcaaaac	aataaaaagca	attcacagtt	ctgaaggcag	2040
tctgaagttt	gcttggttta	ctgtgatttg	tttttggttt	tttcagagga	acttgacccc	2100
ctgctatgta	gatatcatta	tcaggagtta	caacggtccc	aaccttatgc	aaatcagctg	2160
gtgggctaca	taacttgtaa	actttttctg	cttgggggct	gtaacagaca	gaagagtaaa	2220
gactacaagg	atcttctgaa	gatgcttcaa	tgaaaatcat	catttctctc	ttagtcatcc	2280
caagtcttgg	tttgaaaaac	ttgggcatgg	acttatacag	accttgaacc	accactgact	2340
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gccacagcat	agcagcttct	cgaacggttt	cttctcttct	tacatttaaa	ttgtcgtcgc	2520
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cagtgaactt	gtgctccacc	attcttttag	ccctctgttt	taattcctcc	caactgaaga	2640
gatcagcaaa	actcaacaat	cgtaacacaat	tctctgcatt	tattttttta	attaaatatt	2700
ctcgacaacg	ttgtaacaca	tcttctacct	gtaggaagca	agctgtttca	taaagctgtt	2760
ctacagtgtc	gtcatttcatt	gccaaagtta	cctgtgatgc	ataagttatt	attatctgta	2820
aggtggcagc	atcgacattc	ctcaggtgta	catgggtttg	tttgctttca	cttagtccac	2880
tcataaacat	ggcctgaaa	taagagctac	atgttgcaag	aacctcttta	tgacaaggga	2940
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tcaactgttc	caacaatgac	acagcatatt	cagtattgat	ctgcctctcg	tcttgagtgg	3060
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gaaggccaag	tgaatacttc	agaaataaag	gagaacctac	ttgctgttat	ctgcagcatt	3180
cagtaccaag	actgacacat	tcactaatga	gtaatatctt	gttacacaga	cttagaatca	3240
ctcctaggtc	atcctgtgtt	aattaggttc	ttcagagttt	ttcaacacag	tctgcagaca	3300
ttgtgctcaa	atctgcaatt	gtgcagctca	tgagtgaag	agaaaaatac	acgaggtaga	3360
ttttgtggca	acatcctatg	ttcagcggat	cctgtggagt	aaccgcgtcc	ctcgggtccg	3420
aggtgtggga	tccgctccag	ccggtggccc	cgtccacact	gggccccctc	ggacgaaa	3478

<211> 908
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (238)...(609)
 <223> similar to gill22441 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7535

gtgactgaga	gcaacaagtt	tgacctggtg	agcttcatcc	ccttggtgcg	agagaggatt	60
tactccaaca	accagtatgc	ccggcagttc	atcatctcct	ggatcctggt	tctggagtcg	120
gtgccagaca	ttaacctgct	ggattacctg	ccggagatcc	tggatggact	cttcagatc	180
ctgggtgaca	atggcaaaga	gattcgcaaa	atgtgtgagg	ttgttcttgg	agaattctta	240
aaagaaatta	agaagaaccc	ctccagtgtg	aagtttgctg	agatggccaa	catcctggtg	300
atccactgcc	agacaacaga	tgacctcatc	cagctgacag	ccatgtgctg	gatgcgggag	360
ttcatccagc	tggcgggccc	cgtcatgctg	ccttactcct	ccgggatcct	gactgctgtc	420
ttgccctgct	tggcctacga	tgaccgcaag	aaaagcatca	aagaagtggc	caacgtgtgc	480
aaccagagcc	tgatgaagct	ggtcaccccc	gaggacgacg	agctggatga	gctgagacct	540
gggcagaggg	aggcagagcc	cacccctgac	gatgccctgc	caaagcagga	gggcacagcc	600
agtggtgagt	ggactccgtc	cctacacctc	acctcctgtc	gggggcccag	ggagccagat	660
gtcataggag	ttgccttggg	gcctcactta	agcaaccagg	actactttat	gtatgtcact	720
cacacaattg	tagcagcaac	ccagcgcagt	ggcagcagtg	gttctcccc	attctgcaga	780
caggacacag	ggaagctgag	taccatggcc	acacactcgc	agctagtga	gactggaacc	840
ggattggaac	ccaggcaggc	tgtctccagc	agccattgat	ttttaaccct	tcctgcctca	900
aagaccat						908

<210> 7536
 <211> 1631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1632)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (95)...(880)
 <223> similar to gi3413293 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7536

gcgcgcgtga	gtccgcccc	ccagtcacgt	gaccgctgac	tcggggcggt	ctccactatc	60
gcttacctac	ctccctctgc	aggaaccg	cgatatggct	gccgctgtgc	cccgcgccgc	120

atctctctcc	ccgctgcttc	cccttctcct	gggcttctctg	ctcctctccg	ctccgcatgg	180
cggcagcggc	ctgcacacca	agggcgccct	tccccctggat	acggtcactt	tctacaaggt	240
cattcccaaa	agcaagttcg	tcttggtgaa	gttcgacacc	cagtaccctt	acggtgagaa	300
gcaggatgag	ttcaagcgtc	ttgctgaaaa	ctcggtctcc	agcgatgatc	tcttggtggc	360
agaggtgggg	atctcagatt	atggtgacaa	gctgaacatg	gagctgagtg	agaaatacaa	420
gctggacaaa	gagagctacc	cagtcttcta	cctcttccgg	gatggggact	ttgagaaccc	480
agtcccatac	actggggcag	ttaaggttgg	agccatccag	cgctggctga	aggggcaagg	540
ggtctaccta	ggtatgcctg	gttgccctgcc	tgtatacgac	gccctggccg	gggagttcat	600
cagggcctct	ggtgtggagg	cccgccaggc	cctcttgaag	caggggcaag	ataacctctc	660
aagtgtgaag	gagactcaga	agaagtgggc	cgagcaatac	ctgaagatca	tggggaagat	720
cttagaccaa	ggggaggact	tcccagcatc	agagatgaca	cggatcgcca	ggctgagtga	780
gaaatacaag	atgagtgcag	ggaagaagga	ggagctccag	aagagcttaa	acatcctgac	840
tgccttccag	aagaaggggg	ccgagaaaaga	ggagctgtaa	aaaggctgtc	tgtgattttc	900
cagggtttgg	tgggggtagg	gaggggagag	ttaacctgct	ggctgtgagt	cccttgtgga	960
atataagggg	gtagtgggaa	aagtgggtact	aaccacgat	tctgagccct	gagtatgcct	1020
ggacattgat	gctaacatga	ccatgcttgg	gatgtctcta	gctgggtctgg	ggatagctgg	1080
agcacttact	caggtggctg	gtgaaatgac	acctcagaag	gaatgagtgc	tatagagagg	1140
agagaggagt	gtactgcca	ggtctttgac	agatgtaatt	ctcattcaat	taaagtttca	1200
gtgttttggg	taagtggacc	tgaagccatt	cttttttttt	ttcaaattat	actttcgtct	1260
atgacctgct	ttcctctttg	aatctaagct	ggtatagact	ccactttccc	agggtaacaa	1320
actatcctca	taacactgtg	gaaactggca	tacctttgtt	attttccagt	gatattcaga	1380
ctgacatgga	ttgactgtca	atggtaaagt	ttgtctatct	tccagtcctt	aaaactcaat	1440
agcagtattg	atgaatatat	tgaaccaaca	ttgatggacc	atgggtgtaat	tattttccat	1500
gctttgtgag	ggtacacata	gcaaattcct	aggttttact	gatatatctt	gtgacttgga	1560
tttacacagc	taganttcen	ccgcncgtgc	ctaattggtcc	tttattnnngn	cncncaaaaa	1620
tgttttcaaa	t					1631

<210> 7537

<211> 1618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (105)...(1546)

<223> similar to gi31825 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7537

gagcgccggc	gcgggaccga	gctggcgggc	ggcggcgcgc	gcttccgagg	cttctgctg	60
cttctgccc	agccgcggc	ctcacgcgc	ccctctccc	tgccatggcc	tgcaggcagg	120
agccgcagcc	gcagggcccg	ccgcccgtg	ctggcgccgt	ggcctcctat	gactacctgg	180
tgatcggggg	cggctcgggc	gggctggcca	gcgcgcgcag	ggcgcccgag	ctgggtgcca	240
gggcccgcgt	ggtggagagc	cacaagctgg	gtggcacttg	cgtgaatgtt	ggatgtgtac	300
ccaaaaaggt	aatgtggaac	acagctgtcc	actctgaatt	catgcatgat	catgctgatt	360
atggctttcc	aagttgtgag	ggtaaattca	attggcgtgt	tattaaggaa	aagcgggatg	420
cctatgtgag	ccgcctgaat	gccatctatc	aaaacaatct	caccaagtcc	catatagaaa	480
tcacccgtgg	ccatgcagcc	ttcacgagt	atcccaagcc	cacaatagag	gtcagtgagg	540
aaaagtacac	cgccccacac	atcctgatcg	ccacaggtgg	tatgccctcc	acccctcatg	600
agagccagat	ccccggtgcc	agcttaggaa	taaccagcga	tggatttttt	cagctggaag	660

aattgcccgg	cgcagcgtc	attgttggtg	caggttacat	tgctgtggag	atggcagggg	720
tcctgtcagc	cctgggttct	aagacatcac	tgatgatacg	gcatgataag	gtacttagaa	780
gttttgattc	aatgatcagc	accaactgca	cggaggagct	ggagaacgct	ggcgtggagg	840
tgctgaagtt	ctcccaggtc	aaggagggtta	aaaagacttt	gtcgggcttg	gaagtcagca	900
tggttactgc	agttcccggg	aggctaccag	tcatgaccat	gattccagat	gttgactgcc	960
tgctctgggc	cattggggcg	gtcccgaata	ccaaggacct	gagtttaaac	aaactgggga	1020
ttcaaaccga	tgacaagggt	catatcatcg	tagacgaatt	ccagaatacc	aacgtcaaag	1080
gcatctatgc	agttggggat	gtatgtggaa	aagctcttct	tactccagtt	gcaatagctg	1140
ctggccgaaa	acttgcccat	cgactttttg	aatataagga	agattccaaa	ttagattata	1200
acaacatccc	aactgtggtc	ttcagccacc	cccctatttg	gacagtggga	ctcacggaag	1260
atgaagccat	tcataaatat	ggaatagaaa	atgtgaagac	ctattcaacg	agctttaccc	1320
cgatgtatca	cgcagttacc	aaaaggaaaa	caaatgtgtg	gatgaaaatg	gtctgtgcta	1380
acaaggaaga	aaaggtggtt	gggatccata	tgcagggact	tgggtgtgat	gaaatgctgc	1440
agggttttgc	tggtgcagtg	aagatgggag	caacgaaggc	agactttgac	aacacagctg	1500
ccattcaccc	tacctcttca	gaagagctgg	tcacacttcg	ttgagaacca	ggagacacgt	1560
gtggcgggca	gtgggaccca	tagatcttct	gaaatgaaac	aaataatcac	attgactt	1618

<210> 7538

<211> 2356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2015)...(1417)

<223> similar to gi3881914 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7538

ttgtaaatga	cattacatct	tttgtattat	ccaatacaca	gtagatactc	agaatttact	60
ccaatgaatg	catgttaaaa	ggatttgtac	agacacaaca	ctcttacttt	caaagagcag	120
aggaacattt	tatatagtga	acacatacac	actgtggcaa	tgtaaaacta	cttaaggaag	180
gaaaaaatatc	cccctcccca	gccaggtact	gagacctggg	gctaaaattt	tttgtcagtc	240
agcccccatc	cccatccctt	atcttcgagt	gacctacca	ggaaacctgg	ctttggtgga	300
aaggagagct	gtggggcctt	gggagcctga	tgccttttct	tttgggagga	aaggccacct	360
gcacaatcca	caggacagga	gtggccagca	gctatcctga	gctgaggctc	cagaagagtt	420
cagatccaag	agagcaagg	atgaatggaa	ggaaagtccc	accaccttc	atgtgtaaag	480
tgattggcat	ttactcaaat	ctaaatctac	tcctctcctc	cctgcaatat	accattgagc	540
atgtgccaga	gtaatggttc	tgaacaaaag	ccaacacaga	tgtcagcctg	ggggcactct	600
cagcctaagg	aagccctac	agccgagccc	tcagccctaa	tgacttaggc	agtaggttag	660
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ggatgagatg	agggtaggag	tagggggata	catgcacca	gcctgttgga	gaatccaaca	960
tgaagactat	tgtcccttga	gaacctaaag	caaaagtaca	aggaggggaa	atactgggtc	1020
ctttacctga	aacaagatat	gggcctcccc	tgcctctcag	accctacagc	tccttaggct	1080
ccaggcctca	ggcacaagag	atagagaatc	atatctgagc	cttttgccct	tccttaggct	1140
ccaaacaagg	gcagggggtg	aaatgtgagt	gggagagaag	ggatcatcag	acacactgtt	1200
tagcacctga	accacatctc	ttcctaaacc	agaaatccca	agagcagaaa	gaaataggag	1260

caaagtgaga	gaggggttgt	gcttccatca	cattaaatag	gagacttcgt	gggggttgggc	1320
aaggggttgt	tcacatcagg	acatcaatga	ctctgggtcaa	ggtgaggggt	tataattagc	1380
aaagcttcat	gtgctctccc	tttctttatt	catcctgctt	ccgtttcggc	tttttgggggt	1440
tccgggaccg	actcttggcc	ttgcaaagag	ggcatatagg	tgcattccgg	tgaatttgct	1500
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aatccaagga	aagcttctcc	tcttcttcac	acaagtcagg	gagcctctgc	aggcccagag	1740
tcatgcgcag	ggcatccaca	tgttctttca	gtggcttata	ctcatcatgc	agcctccttg	1800
tagactctag	cagcttggtt	aggtcattct	cagattggtt	gatagtgttt	tccatcacat	1860
tgatgtcagc	gtggatcagt	cggagttcct	ccacatgggc	catcttctcc	tgtagcagaa	1920
ggtccatctc	ctgcttgat	tccttcagg	gcctttctcc	tgactcaagt	gcctcaaact	1980
cagccttcaa	acgagccttg	atcttctcca	tctgcagggt	cttggtcctg	caatttgcaa	2040
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aggaggatca	cttgagccca	ggagtttgaa	accagcatgg	gcaacatagt	gagaccttat	2280
atctgatctc	tttaatgctt	tccaatttgc	acatgatttc	ttgctcatct	gccgcgaaat	2340
cgtcgacccg	gaaatt					2356

<210> 7539

<211> 1392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1312)...(310)

<223> similar to gi4929589 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7539

gcaaggtaag	aatcaccact	catctttaat	ataatgaaaa	ctggaaaatc	aaaaagggttt	60
atgtgaacac	taagtcatgt	ctgggtgggtg	ggatgacagg	tgatttaaaa	atctttcttt	120
attcatatca	aatttttatt	ttttctacag	tatactatta	gtgtgttatt	taaatagatg	180
tactacttaa	ataattttaa	tagtaaagaa	gatactctaa	gtaaatacat	agagaaaaat	240
gtaaggaatt	cccaaggcac	cccagggttt	gtgttaaaaat	ttcagatgaa	attaagtaaa	300
tgtttaggat	aataccagat	ccttctgaat	tctcatctca	tcgacttcat	tttcagcata	360
ctgaggatct	ctcgcagggt	ccttgatata	tttcagcgtg	ttaatactct	ttggtggaaa	420
gagcttttca	tacacttttt	tccacaactc	cataggtgag	tgggcatgaa	gctttccaat	480
gtcattttca	ggaacaggag	gagatcctat	ttgaccgaaa	gaatccaatc	ctgctgtgat	540
aaacagcgggt	ttattctgat	ccacacatat	tgatttgctt	ttgtcaatgc	caaatgccaa	600
ctggttgata	actccacgta	attttagtaa	tagagcttct	gattttactg	taaacattaa	660
tgatgctcca	taataatgtg	caacaaatcg	aagtgtcttg	catattacct	ttctcttctc	720
agactcaaaa	tcctgaaaaa	catcatattt	acttccaatt	atgaccagag	gtaccggaaa	780
tgggtcaatt	aattcatgat	cctgaggatg	atccttcggc	atattattcc	agatcttctg	840
tctcatttca	gaaactgctt	tagcatttgt	ctttcccagt	ttcattatca	ctttgtctac	900
atggcttttt	gtggcttgca	agagattttc	catgggtgggc	cagagatcat	taggttttga	960
aagatccaga	acgagaacaa	gagaaaacgt	ccgtaagggtg	tcacctgtga	tgggtatgct	1020
gattaagtcc	aataaagag	ttcctccacc	gagttcccaa	aagtgagcga	tatcttttgg	1080

tgtgttgtgc	ccttttgc	ttcttccata	tgtatattcc	aaagctaagg	ttggtttttg	1140
tggttcac	ctgtcaagac	accttagaat	aatagtagtc	tttcccccat	ttttactgcc	1200
aatgaagaaa	acagattttt	ctgcaatttc	agctccatca	ccttcacttc	cattaattcc	1260
ccttttttcc	acttcagctt	ttgcaatttc	ccagagagtt	tcactgggca	tcgtcgacgg	1320
cctggctgcc	gcaaacgtca	caggctcgga	gtagtgacca	gcctagaatc	aggcggcgag	1380
ctccgctcgt	gc					1392

<210> 7540
 <211> 1181
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (824)...(537)
 <223> similar to gi5107076 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7540						
cccccccaa	aataaggggt	ctttccaaaa	attcccaggt	aggtttttat	acggccccct	60
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taaaacggcc	cccccttttt	tttttttttc	cgtcctccac	caattttatt	gcccacccgc	180
aggaggtgac	agctcctgtg	gtgtctgacc	acccccaaact	ccgaagtcca	gacaagctgt	240
ccgcccagaa	tatgaggctg	acttgggcac	actaggggaa	taccccaaag	gcctgaagga	300
ggtgccactg	ggctgccagc	acttcaggaa	ggcacagggc	cccacacccc	cgagatccaa	360
gctgcactgg	ctggcagggg	gcagggcggg	gggtggcgag	gacacagtcc	cgtgtgtccc	420
agcaccggtg	ccaccctcct	aagccccggg	caggcagtac	gtacatgcgg	accccgctc	480
tcaaagcacg	tttatggaaa	tgaacagggt	ggggtggccc	gcgctcgccg	gtcacatgtt	540
ggctcgttcc	cgctgcagcc	gcgagttgta	ggcgcgagac	acggtgttcc	aggcgctccat	600
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gccggagccc	ccgaaatcgg	agccgaagcc	gccctccatg	gctccgcaaa	gtcaaccgga	840
ccgaggccgc	gtgcgccgac	tcgtaactaa	ctgcgccgga	agcgggccgc	ccggggcacc	900
acgggaaacg	gagtcgcgcg	ggacggggac	ggaggactac	aactcccaca	cgaccgcgcg	960
cgcccgggcc	attcaaggtc	gcgcgggggg	ccctccgctc	atgcggaggc	ctggacctgc	1020
cgttacctac	acgagctacc	cgtggttgcg	actccgcggg	aagagggagg	ccctgacttg	1080
gccggggagt	aggggggcta	ctacgtgcgg	ccgaggccga	tcactttgta	ctcacgctct	1140
gcctccagct	cgtcccgaag	ggcctgcccgc	gcatgcgcac	g		1181

<210> 7541
 <211> 3432
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1948)...(571)
 <223> similar to gil335873 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7541
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aatgcaaate tgcataaggt ctctcccgtc atgggtgtga gtggaagaga gggagacttt      180
tttacctggg gttgggtggg gagtgaaaca caaggggtgg agaggttttg caaatagcca      240
gagaacagaa accaatgtgc agtcactgac acacttgacc agttaatttg cacttgactt      300
tggctgtggc tgttccggct gtggctcctt cggcttcttt gtcttcttct tcttctgctt      360
ggagagacag ctcaaagcag actcgtctct acttgggggg cagacacaag cagggggcgg      420
gcttgccaga ctgagtggaa gagagggaga cttttttacc tgggggttgg ggtggagtga      480
aacacaaggg tgggagaggt tttgcaaata gccagagaac agaaaccaat gtgcagtcac      540
tgacacactt gaccagggca gttaattttg acttgacttt ggctgtggct gttccggctg      600
tggctccttc ggcttctttg tcttcttctt cttctgcttg gagagacagc tcaaagcaga      660
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catgtcttct tccagctcaa tctccagggc agctgctgcc tgctcaatcc aagagtgtg      900
caggcaagcc tgggaagttc gatactcaga ttctcctc tgtcgagcta aacggattcg      960
ctccttgacc acatccatgt attttgtctg caccggggaac agtgggatat cctcatcttt    1020
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actgaggcct tcattggtag ctcgagcagt tcgaccactt cgggtggacat aaatctccga    1140
ggtacgtggg acctggtaat ggatgacatg ctggacttta ggaatatcca gaccccgagc    1200
tgccacatct gttgccaaga gaacacagtc ttccagacgg gcaaactgct ccaggtttct    1260
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cgggcctgga gtagcaacca caatctcagg acgacgggtc agcatcctct gctgtttctg    1860
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ctccctgata agggaagaag gcccttcacc agcatcatcg tcaccaaaga gcaacgcctg    2160
gtctgagaca gtgcctccag tcttggctct ggccctcggc gcaatatcac tgggcagtgc    2220
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gatggcaggt gccaaaggtc gggcttggat tgggtgtggg gcagagaagc ctagaaagct    2520
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tacattttta cttttcttca acttgatctt tttcttttgg gagctagact ttccctcttc    2880

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ctcctcctct	tcttctgaaa	cagcttgtgc	ctttctcttg	ggtgcttct	ttgagaagag	2940
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caagtcaccc	atctgtccat	ctgcaaacat	atttgggtca	atcttcactt	ccttccattt	3060
ttccacaact	ttgattccct	ttgtctgaaa	tttgccacag	cttgactgct	ttggccttga	3120
ttttgtgtcc	ttcaacttca	tggttgctga	aaaggagata	catgttctat	taggttggtg	3180
tctgagaagc	agagggttct	gatgtaacaa	atattttcta	agcaactagg	ccctacaaag	3240
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accacagaac	agacagcttt	gcctggaaca	cagggtacac	atgtgatgga	acaaagacat	3360
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gtgccacca	ct					3432

<210> 7542

<211> 1297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (210)...(1096)

<223> similar to gi289707 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7542

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ggaaacggcg	tggaggcttt	gcagttcagg	cgaagaagcc	aaaaagaaac	gaaatagatg	120
cggagccgcc	agctaagcgg	cacgccacag	cagaggaggt	ggaggaagaa	gagagggacc	180
ggatcccagg	ccccgtttgc	aagggaaagt	ggaaaaataa	ggaacggatt	ctcatctttt	240
cttcagagg	aataaatfff	agaacaagac	atttaatgca	ggacttgaga	atgttgatgc	300
ctcattctaa	agcagatact	aaaatggatc	gtaaggataa	gctattttgtg	attaacgagg	360
tttgtgaaat	gaagaactgt	aataaatgca	tctattttga	agctaagaaa	aaacaggatc	420
tctatatgtg	gctttcaaat	tcacctcacg	gacctctgc	taaattcctt	gttcaaaaata	480
ttcataccct	cgctgaactg	aagatgactg	gaaactgttt	gaaaggttct	cggccccctt	540
tgtcttttga	ccctgctttt	gatgaattac	cacattatgc	tttgttaaaa	gaactcttaa	600
ttcagatctt	tagtacacca	cggtatcatc	ccaaaagcca	accattttgtg	gaccacgtgt	660
ttactttcac	cattttggat	aataggatat	ggtttcggaa	ctttcagatc	atagaagaag	720
atgctgctct	tgtagaaata	ggacctcggt	ttgtcttaaa	tctcataaag	atftttccagg	780
gaagttttgg	aggaccaact	ttatatgaaa	atcctcacta	ccagtcacca	aacatgcac	840
ggcgtgtcat	aagatccatc	acagctgcaa	aatacagaga	gaaacagcaa	gtgaaagatg	900
tgcaaaaact	gagaaagaaa	gagccgaaga	ctcttcttcc	acatgatccc	actgcagatg	960
tttttgtaac	accagctgag	gagaaaccaa	tagaaatata	gtgggtaaaa	ccagagccaa	1020
aagttgattt	gaaagcaaga	aagaaacgga	tttacaaaag	gcaaagaaaa	atgaaacaga	1080
ggatggacag	tgggaaaaca	aaataagtca	atggaaacct	gatttgtttt	tcagttactt	1140
tatatfttat	ttgtattcaa	tgtgtaaata	cttttattat	ctaatactat	cttacgtcta	1200
attagtgtag	cattttacaag	aaagaaaaat	taagatctta	aaatcagtga	ttatcttttt	1260
ctaaataaaa	tatcaccaga	attcatcaaa	aaaaaaa			1297

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<210> 7543
<211> 722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (134)...(577)
<223> similar to gi4894946 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7543
agtcggggccc gcagcctcgg ggccccgcgg gcgcagcggg gcgggaggcg gggcgggccc 60
cccggtgggcg gagcggggcg gccctgtga cgctgcccc caactcgccc tcagccggct 120
ggccggcgcg gccatggagg tctacatccc gtcctttcgc tatgaagaga gcgacctgga 180
gcgggggatac acggtgttta agatagaagt gctaataaat ggaagaaaac attttgttga 240
aaagagatac agcgaatttc atgctttgca caaaaagctt aagaaatgta taaaaactcc 300
agaaatccct tctaaacatg ttaggaactg ggtcccaaaa gtcttggaac agcgacgaca 360
aggcttggaac acataacttac aggctgtcat tttagaaaat gaagaacttc ccaaactggt 420
tcttgatttc ctaaagtgtc gacacttgcc ctctctacca aaggcagaaa gttgtggatc 480
ttttgatgaa acagagtctg aagagtcaag caaactgtcc caccagcctg tgctgctggt 540
cctcagggat ccatatgtct tgcctgcagc cagcggtaat caaacctgtc atctgctaac 600
agctctttac tgatctgacc ctgcaccaca taaaccacgt ttttaataca ggtctaacag 660
agtgacattg gtcccgggct taataatctg ccaataaacc agtgctcttg gtaaaaaaaaa 720
aa 722

```

```

<210> 7544
<211> 2560
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1089)...(1351)
<223> similar to gi4210352 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7544
caattaaatt gggtagcccc cgggttttcc cctccccccc ttgttaaacc cccgcccccg 60
gaatttaatt tggggggccc aaaaaaaaaa tttttccttg ccgcccccg gtagttaaat 120
ttggttcctt taaacggccc cccctttttt tttttttttt tggaaagcaa ggatcacact 180
tccccctccc tgttccttaa tcccttttct aaaaaggggg gaaaatccgg atggatttta 240
gggattggtc tgggtgcagc tgtgttttat tgcacaccta aatcctgatt ataggctttt 300
catttctccg caaagccttt attttggcag ttaagccaaa tgtgttttcc agaaagttag 360
ttattttctc ctcttttctt ccttttcttc ctcccttttt ccgctctgaa ccccaaactg 420
tattgtccaa acatgaactg gacagcagct ttttggtttc ttgacctgt aatatggaca 480
gtctgctaatt attgcacaga aggtgagcgt ttttgggggt atagtcggtg attttcgcta 540

```

atcaatcata	ttaggcaggg	aaaaaaaaatg	acttgtttct	gttggtacttg	agtcttaaga	600
aaaagtgcc	atagtttagt	gacaatttcc	aaaggcttta	gtaccacctg	tatttcaaaa	660
tgggggaccc	aaactcccgg	aagaaacaag	ctctgaacag	actacgtgct	cagcttagaa	720
agaaaaaaga	atctctagct	gaccagtttg	acttcaagat	gtatattgcc	tttgattca	780
aggagaagaa	gaaaaagtca	gcactttttg	aagtgtctga	ggttatacca	gtcatgacaa	840
ataattatga	agaaaatata	ctgaaagggtg	tgcgagattc	cagctattcc	ttggaaagtt	900
ccctagagct	tttacagaag	gatgtggtac	agctccatgc	tcctcgatat	cagtctatga	960
gaagggatgt	aattggctgt	actcaggaga	tggatttcat	tctttggcct	cggaatgata	1020
ttgaaaaaat	cgtctgtctc	ctgttttcta	ggtggaaaga	atctgatgag	ccttttaggc	1080
ctgttcaggc	caaatttgag	tttcatctag	gtgactatga	aaaacagttt	ctgcatgtac	1140
tgagccgcaa	ggacaagact	ggaatcgttg	tcaacaatcc	taaccagtca	gtgtttctct	1200
tcattgacag	acagcacttg	cagactccaa	aaaacaaagc	tacaatcttc	aagttatgca	1260
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atcacctccg	tccttatatg	ccagagtaga	gtactgacca	gcaaaatgga	gaagatcaga	1380
gaatgcagca	gcagtttttt	ttcttgtttt	cttaccactt	tattctttca	gagtttaaag	1440
aaaatggact	catgcacaga	acactatgca	ttttgaaact	tgttcatcct	ggattttttt	1500
aaatcatttt	tatctcagaa	cttaaacaaa	aattagatgt	cgtgcacgga	ctgtgtgaaa	1560
gaagatgctt	tgcataattg	ctgcactgca	tcagtatctt	actaaaaatg	tgaaatgaaa	1620
ggactattgt	acactgaaat	gcttaaatgt	atctgaaagc	acaaggatgat	actcattttt	1680
atggtcttcc	catttggtgt	ggtttttgcc	tctttgacat	ctgtcatcag	tatttagagg	1740
gtgagaagtg	aatgtaacag	gtataaataa	cattttttaa	aacaataact	ttgctataat	1800
cacagttggt	ccagagcact	gtcagataca	ttctaataac	cagaactggt	ttaaaaaaag	1860
aaaatacaac	catgggaagg	aaatcttaaa	tgaaaaacgc	atctcattgt	aggcattttt	1920
gcctcatatt	ttactggggc	atgtttgttt	cctggtactc	atgtattttt	tttttccaga	1980
tctctttccc	caagttgcta	ttgtaagagt	attctgctgc	gtgtggatgc	agttatacac	2040
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tgttttgttt	ttggtttttc	agagaagaga	tttttattac	aaagaaaaaa	attccagtga	2220
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gagtagaaaa	aaggttataa	agttggaatc	ttaaattgta	aaattaacca	ttgagtgtca	2340
aagttctaaa	agcagaactc	attttgtgca	atgaacataa	ggaaagacta	ctgtataggt	2400
tttttttttt	ttttctcctt	ttaaataaaa	aaaagctttg	ccttaagggt	tgcatacttt	2460
tattggagta	aatctgaatg	atcctactcc	tttgagtaaa	aactaggggt	taccagtttc	2520
caattgtatt	tagcttctgg	ttggaatttg	aaaaaaaaaa			2560

<210> 7545

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (186)...(1459)

<223> similar to gi3341980 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7545

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cggcgcatc	tgattggaca	gcggggaagc	ccgtcagcct	gttggtcccg	ctgatccgcg	120
cccgtagcgc	agggcagcct	ttaaccttta	gccccagtgg	gcgccagcca	ctcagatcgc	180

ttctttgttg	tatgtgtage	ggcagtgggc	gccggcggag	cagtctgagc	ccgacgatga	240
ggccggggac	gggagctgag	cgtggaggcc	tcatgatggg	gcacctggc	atgcattatg	300
ccccaatggg	aatgcaccct	atgggtcaga	gagcgaatat	gcctcctgta	cctcatggaa	360
tgatgccgca	gatgatggcc	cctatgggag	ggccaccaat	gggacaaatg	cctggaatga	420
tgtcgtcagt	aatgcctgga	atgatgatgt	ctcatatgtc	tcaggcttcc	atgcagcctg	480
ccttaccgcc	aggagtaaat	agtatggatg	tagcagcagg	tacagcatct	ggtgcaaaat	540
caatgtggac	tgaacataaa	tcacctgatg	gaaggactta	ctactacaac	actgaaacca	600
aacagtctac	ctgggagaaa	ccagatgatc	ttaaaacacc	tgctgagcaa	ctcttatcta	660
aatgcccctg	gaaggaatac	aaatcagatt	ctggaaagcc	ttactattat	aattctcaaa	720
caaaagaatc	tcgctggggc	aaacctaag	aacttgagga	tcttgaagga	taccagaata	780
ccattgttgc	tggaagtctt	attacaaaat	caaacctgca	tgcaatgatc	aaagctgaag	840
aaagcagtaa	gcaagaagag	tgaccacaa	catcaacagc	cccagtcctt	acaacagaaa	900
ttccgaccac	aatgagcacc	atggctgctg	ccgaagcagc	agctgctgtt	gttgcagcag	960
cagcagcggc	agcagcagca	gcagctgcag	ccaatgctaa	tgcttccact	tctgcttcta	1020
atactgtcag	tggaactgtt	ccagttgttc	ctgagcctga	agttacttcc	attgttgcta	1080
ctgttgtaga	taatgagaat	acagtaacta	tttcaactga	ggaacaagca	caacttacta	1140
gtaccctgc	tattcaggat	caaagtgtgg	aagtatccag	taatactgga	gaagaaacat	1200
ctaagcaaga	aactgtagct	gattttactc	ccaaaaaaga	agaggaggag	agccaaccag	1260
caaagaaaac	atacacttgg	aatacaaagg	aagaggcaaa	gcaagctttt	aaagaattat	1320
tgaaagaaaa	gcgggtacca	tcgaatgctt	catgggagca	ggctatgaaa	atgattatta	1380
atgatccacg	atacagtgct	ttggcaaagt	taagtgaaaa	aaagcaagcc	tttaatgcct	1440
ataaagtcca	gacagaaaaa	aaaaa				1465

<210> 7546

<211> 1048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(645)

<223> similar to gi4156162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7546

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ggaggcgcac	aacatcctca	gcaaacgggg	attcagcgtc	cgatcctttg	gaacaggggac	180
tcacgtgaag	cttcaggac	cagctcccg	caagcccaat	gtttatgatt	tcaaaaccac	240
atatgaccag	atgtacaatg	atcttcttag	gaaagacaaa	gaactctata	cacagaatgg	300
gattttacat	atgctggaca	gaaataagag	aatcaagccc	cggccagaaa	gattccagaa	360
ctgcaaagac	ctgtttgatc	tgatcctcac	ttgcgaagag	agagtgtatg	accagggtgt	420
ggaagatctg	aattccagag	aacaggagac	ctgccagcct	gtgcacgtgg	tcaatgtgga	480
catccaggac	aaccacgagg	aggccaccct	gggggcgttt	ctcatctgtg	agctctgcc	540
gtgtatccag	cacacggaag	acatggagaa	cgagatcgac	gagctgctgc	aggagttcga	600
ggagaagagt	ggccgcacct	ttctgcacac	cgtctgcttc	tactgagccc	agcgcccgc	660
tggagccgcc	tctggagctt	cctgttgctt	atactttttc	cttcttgaca	tttgttttta	720
cttacagggt	ttctgctggt	gacggtagca	ttacccaaat	aaactgtgca	tatgaaatgg	780
gagaggagat	gccaaaacgc	cagatgaaag	caatcaagtt	tcttcttttc	cacttttact	840
tatgagcggg	atattgatta	caaagttttt	cttctttaac	caaaaaggaa	agacaacggt	900

ttgtgtgcac	ttccccgacat	acctgtgtct	tctgtgtgcct	gccttccttc	cctcctcccc	960
accgggccc	actgtacaga	gccctgctgc	ggcgtgttag	gaatgacctg	gaattgtcaa	1020
taaacagatg	ctgctgtcaa	aaaaaaaa				1048

<210> 7547

<211> 495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(375)

<223> similar to gi3114822 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7547

cttcattctt	cgccaggctc	tctgctgact	caagttcttc	agttcacgat	cttctagttg	60
cagcgatgag	tgcacgagtg	agatcaagat	ccagaggaag	aggagatggt	caggaggctc	120
ccgatgtggt	tgcattcgtg	gctcccgggtg	aatctcagca	agaggaacca	ccaactgaca	180
atcaggatat	tgaacctgga	caagagagag	aaggaacacc	tccgatcgaa	gaacgtaaag	240
tagaagggtga	ttgccaggaa	atggatctgg	aaaagactcg	gagtgagcgt	ggagatggct	300
ctgatgtaaa	agagaagact	ccacctaatc	ctaagcatgc	taagactaaa	gaagcaggag	360
atgggcagcc	ataagttaaa	aagaagacaa	gctgaagcta	cacacatggc	tgatgtcaca	420
ttgaaaatgt	gacttgaaaa	ttttgaaaat	tctctccaat	aaagtttgag	ttttctctga	480
agaaaaaaaa	aaaaa					495

<210> 7548

<211> 1574

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (781)...(1350)

<223> similar to gi5923992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7548

cggtatgcat	ctgagatata	aagaagaaaa	agccacagct	ccttccttcg	tgatgtcat	60
agtctgggag	aggaagaatt	cagtgtcctg	gcagggtaca	atgggtacat	ctttgcatat	120
gggcaaacag	gcagcgggaa	gacattcact	atcacagggg	gtgcagagcg	ttacagtgc	180
agaggcatta	tccaaggac	actgtcctac	atttttgaac	agttacaaaa	ggacagcagc	240
aaaatatata	caacacacat	ttcctatttg	gaaatctaca	atgaatgtgg	ttatgatctt	300

ttggatccaa	gacatgaagc	ctccaagttt	ggaagatttg	ccactcctat	gaaccaagct	360
tcaaccggtt	cccactgcat	tttcaccatt	catttggtcaa	gcaaggaacc	aggatctgca	420
actgtacgac	atgccaaact	ccatctgggt	gacctggctg	gttcagagcg	agttgcaaag	480
actggagtag	ggggccatct	tctaacagag	gccaaagtata	tcaacttgtc	actacattac	540
ttagaacagg	ttatcattgc	cctttcagaa	aagcaccggt	cgcacattcc	ttatagaaac	600
tccatgatga	ccagtgtcct	aagagacagt	ttgggaggga	actgcatgac	aactatgatt	660
gcaacactct	ccttggagaa	aaggaatctt	gatgagtcta	tatcaacctg	cagatttgca	720
cagcgagtgg	cactcataaa	gaatgaagct	gttcttaatg	aagaaattaa	ccccagatta	780
gtgattaaac	gcctacaaaa	ggaaatccag	gaactgaagg	atgaactggc	catggtcact	840
ggggagcaga	ggacagaggc	actcacagaa	gcagagctcc	ttcagctgga	aaaactaata	900
acatcctttt	tggaagacca	ggattcagac	agtagattag	aggttggcgc	ggatatgcgt	960
aaagttcatc	actgttttca	tcatttaaag	aaactattga	atgacaagaa	gatccttgaa	1020
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gaatatagaa	agctacgaga	tattctgaaa	cagagagata	acgaaatcaa	tatcctggta	1140
aacatgttaa	aaaaagaaaa	gaagaaagct	caggaggctc	tccacttggc	tggcatggat	1200
agacgtgaat	tcagacagtc	ccagagccca	cccttccgcc	taggaaaccc	agaagaaggt	1260
caaagaatgc	gactatcctc	agctccctca	caggcccagg	acttcagcat	tttggggaaa	1320
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gaggcttttg	aaatcttcaa	gagggaccac	gctgacagcg	ttaccatcga	tgacaacaaa	1440
cagattctga	aacagagatt	ttctgaagcc	aaggccctgg	gagaaagtat	aatgaagca	1500
agaagtaaaa	tcggtcacct	gaaggaagaa	atcaccacgc	ggcatataca	gcaagtagcc	1560
ctaggaatct	cgga					1574

<210> 7549

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(785)

<223> similar to gi5231135 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7549

ggcaatttcc	ggcgctccc	tcacgcccgc	cctccttgcc	gcccagccgg	tccaggcctc	60
tggcgaacat	ggcgcttgct	ccctgccagg	tgctgcggat	ggcaatcctg	ctgtcctact	120
gctctatcct	gtgtaactac	aaggccatcg	aaatgccctc	acaccagacc	tacggaggga	180
gctggaaatt	cctgacgttc	attgatctgg	ttatccaggc	tgtctttttt	ggcatctgtg	240
tgctgactga	tctttccagt	cttctgactc	gaggaagtgg	gaaccaggag	caagagaggc	300
agctcaagaa	gctcatctct	ctccgggact	ggatgttagc	tgtgttgccc	tttctgttg	360
gggtttttgt	tgtagcagtg	ttctggatca	tttatgccta	tgacagagag	atgatatacc	420
cgaagctgct	ggataatttt	atcccagggt	ggctgaatca	cggaatgcac	acgacggttc	480
tgccctttat	attaatcgag	atgaggacat	cgcaccatca	gtatcccagc	aggagcagcg	540
gacttaccgc	catatgtacc	ttctctgttg	gctatatatt	atgggtgtgc	tgggtgcatc	600
atgtaactgg	catgtgggtg	taccctttcc	tggaaacacat	tggcccagga	gccagaatca	660
tcttcttttg	gtctacaacc	atcttaatga	acttcctgta	cctgctggga	gaagtctctga	720
acaactatat	ctgggatata	cagaaaagta	tggaaagaaga	gaaagaaaag	cctaaattgg	780
aatgagatcc	aagtctaaac	gcaagagcta	gattgagccg	ccattgaaga	ctccttcccc	840
tcgggcattg	gcagtggggg	agaaaaggct	tcaaaggaac	ttggtggcat	cagcaccccc	900

ctcccccaat	gaggacacct	tttatatata	aatatgtata	aacatagaat	acagttgttt	960
ccaaaagaac	tcaccctcac	tgtgtgttaa	agaattcttc	ccaaagtcac	tactgataat	1020
aacatttttt	ccttttctag	ttttaaacc	agaattggac	cttggatttt	tattttggca	1080
attgtaactc	catctaata	agaaagaata	aaagtttatt	gcacttcttt	ttgagaaata	1140
tgttaaagtc	aaaggggcat	atatagagta	aggcttttgt	gtattttaatc	ctaaaggtgg	1200
ctgtaatcat	gaacctaggc	caccatgggg	acctgagagg	gaaggggaca	gatgtttctc	1260
attgcataat	gtcacagttg	cctcaaatga	gcaccatttg	taataatgat	gtcaatttca	1320
tgaaaagcct	gagtgtattg	catctcttga	tttaatcatg	tgaaactttt	cctagatgca	1380
aatgctgact	aataaagaca	aagccaccct	gaaaaaaaaa	a		1421

<210> 7550

<211> 883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (347)...(816)

<223> similar to gil399086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7550

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tctttgatgg	ggtaaatttg	agcaattttc	tcgacttgtc	gacattcggt	attaactgag	180
caggaatcag	gagaggaacc	cggtcctctc	cacacagccc	agcagagagc	ctacgactag	240
atttgcattc	ttacgtcctg	cgcggaggct	gctacacaca	tgcagaagtc	atgctgggtg	300
cctggacagt	gaagggagag	aagtggattt	gggagacatt	taggagatgg	caccaaagc	360
gaagaaggaa	gctcctgccc	ctcctaaagc	tgaagccaaa	gcgaaggctt	taaaggccaa	420
gaaggcagtg	ttgaaagggtg	tccacagcca	caaaaagaag	aagatccgca	cgtcacccac	480
cttcggcgcg	ccgaagacac	tgcgactccg	gagacagccc	aaatatcctc	ggaagagcgc	540
tcccaggaga	aacaagcttg	accactatgc	tatcatcaag	tttcgctga	ccactgagtc	600
tgccatgaag	aagatagaag	acaacaacac	acttgtgttc	attgtggatg	ttaaagccaa	660
caagcaccag	attaacagg	ctgtgaagaa	gctgtatgac	attgatgtgg	ccaaggtaa	720
caccctgatt	cggcctgatg	gagagaagaa	ggcatatgtt	cgactggctc	ctgattacga	780
tgctttggat	gttgccaaca	aaattgggat	catctaaact	gagtccagct	gcctaattct	840
gaatatatat	atatatatat	atcttttcac	cataaaaaaa	aaa		883

<210> 7551

<211> 1827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (74)...(1424)

<223> similar to gi758073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7551

aattccttga	agaggagaac	tggacgttgt	gaacagagtt	agctggtaaa	tgtcctctta	60
aaagatccaa	aaaatgagac	ttctagcaaa	gattatttgc	cttatgttat	gggctatttg	120
tgtagcagaa	gattgcaatg	aacttcctcc	aagaagaaat	acagaaattc	tgacaggttc	180
ctggtctgac	caaacatatc	cagaaggcac	ccaggctatc	tataaatgcc	gccctggata	240
tagatctctt	ggaaatgtaa	taatggtatg	caggaaggga	gaatgggttg	ctcttaatcc	300
attaaggaaa	tgtcagaaaa	ggccctgtgg	acatcctgga	gatactcctt	ttggtacttt	360
tacccttaca	ggaggaaatg	tgtttgaata	tgggtgtaaaa	gctgtgtata	catgtaatga	420
ggggtatcaa	ttgctaggtg	agattaatta	ccgtgaatgt	gacacagatg	gatggaccaa	480
tgatattcct	atatgtgaag	ttgtgaagtg	tttaccagtg	acagcaccag	agaatggaaa	540
aattgtcagt	agtgcattgg	aaccagatcg	ggaataccat	tttggacaag	cagtacgggt	600
tgtatgtaac	tcaggctaca	agattgaagg	agatgaagaa	atgcattggt	cagacgatgg	660
tttttggagt	aaagagaaaac	caaagtgtgt	ggaaatttca	tgcaaattccc	cagatgttat	720
aaatggatct	cctatatctc	agaagattat	ttataaggag	aatgaacgat	ttcaatataa	780
atgtaacatg	ggttatgaat	acagtgaagg	aggagatgct	gtatgcactg	aatctggatg	840
gcgtccgttg	ccttcatgtg	aagaaaaatc	atgtgataat	ccttatattc	caaatgggtga	900
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tggtttttat	cctgcaaccc	ggggaaatac	agccaaatgc	acaagtactg	gctggatacc	1020
tgctccgaga	tgtaccttga	aaccttgtga	ttatccagac	attaaacatg	gaggtctata	1080
tcattgagaat	atgcgtagac	catactttcc	agtagctgta	ggaaaatatt	actcctatta	1140
ctgtgatgaa	catttttgaga	ctccgtcagg	aagttactgg	gatcacattc	attgcacaca	1200
agatggatgg	tcgccagcag	taccatgcct	cagaaaatgt	tattttcctt	atttggaaaa	1260
tggatataat	caaaattatg	gaagaaagt	tgtacagggt	aaatctatag	acgttgccctg	1320
ccatcctggc	tacgtctcttc	caaaagcgca	gaccacagtt	acatgtatgg	agaatggctg	1380
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ttgccaggtc	aatacttggg	tcctgagtat	ggtgactagt	atctgttttg	ttatgtgtgt	1560
attattccag	ccagaatggg	aaatgctaata	tcagctcctc	caggcagccc	aatggggctg	1620
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tctgttgctg	tgcagcaggc	atacaaactc	gacaatctcg	taactatttg	tggcaagcca	1740
ggtcgaggtc	actctctttg	agggcattta	ctcactgcct	agtgccccct	ttccactggg	1800
acagacccag	agacaaaccc	tagcagc				1827

<210> 7552

<211> 1393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(530)

<223> similar to gi2613002 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7552
agggggcgctc cggccagtga ttggctggag gtttgttaac tattcatgag ggggcgggcc 60
gagcggggcg gcctttgtta agcagcgagg gcgcgaccgg gggactctg ctgccggctt 120
ctcggagcgg cgctgggcga ccagagcagg gtcgagatgt cctacatccc gggccagccg 180
gtcaccgccc tggtgcaaag agttgaaatt cacaagctgc gtcaagggtga gaacttaate 240
ctgggtttca gcattggagg tggaatcgac caggatcctt cccagaatcc cttctctgaa 300
gacaagacgg acaaggggat ttatgtcaca cgggtgtctg aaggaggccc tgctgaaate 360
gctgggctgc agattggaga caagatcatg cagggtgaacg gctgggacat gaccatggtc 420
acacacgacc aggcccga gaggctcacc aagcgctcgg aggagggtgt gcgtctgctg 480
gtgacgccc agtcgctgca gaaggcctg cagcagtcga tgctgtccta gcagccacca 540
ccatctgcga ctcctgcctg ccgcctctct gtacagtaac gccacttcca cactctgtcc 600
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gcctggcctg gccttccttc ccttctccca tccctggcct ggggcctctg ggaccagctt 720
tctctcctgg acaccgagga ttggaaataa gggcctggag ctgagtagta gccagtctgc 780
tgtgaccaca ggctcaggtc cgacctgct gcttggccac agcagtggct gggcaagtgg 840
gaaccactat ctcttgggag ccccaaaaag ctgggaaatg ctggaggaa caggcctttc 900
ccgcttttgc ctggctgcag ggttcggctc cgccctgcc cccagccct cgtgtgtcca 960
caccgcagtg cctctgcccc tcgggggact ggacacacat cctgccagag gcgctacgaa 1020
gctttgcccc gatgaagcca ggtgggctcc gcgttcactc ccactctccc gaggggtgct 1080
ggcctcccca gggtttgctt tcttacggat ttagacgagg ttcgaggctc acctatcagg 1140
gcagctctca ggattgtcat tttcctcttt gcctgtgggt ttaacttttg tattttttta 1200
atcacaagtt tgatacaaaa tgtttttatc gtactctttg gagatgcccc ttctactttt 1260
gaatttagct tttactaatt cgcactctga agctcagcaa gtgcacaagc cttactttgg 1320
ttaccgtgga aaccactgcc gccctcccc gatgtgggtg gctcaataaa aatgctggaa 1380
ttcaaaaaaa aaa 1393

```

<210> 7553

<211> 3398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3204)...(0)

<223> similar to gi34672 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7553
tttttttttt ttgtatttct tagtgctttt gattttaatt cttttggcat atctaaatgt 60
cagaaaagtg atatatacat acagaattca aaacaccttc ctaaaatggt tattattggc 120
cagtcattta catctttatt ttgaaagtct gaattgtcaa atagttctaa agtgcattct 180
tgagcgtaat aaatagcagc atttgtttat aaaaccttaa gaaattcaga ccagggtctg 240
agaagtcaca ataaaaaatc agacatgatc tagatatagt cttccttaat catctaagac 300
aaacacttgt gtgaattagt ttataagtat acatgaaata tattttaaaa aaacattata 360
aaaaattcat acagtgatga aaaaaggagt cttcctctgc tattaatatt aaatatggca 420
aaacatacac tatacaaggt ttgttgaata ctagtgtgct ttggaaccat agggaaagct 480
ttgctctggg tcagtgtatg atgtagctga ggtccgtgat tttcaacaaa gctggagtgc 540
tacaagatga cctggaagac tgcttctggc atggctttcg agaaatcatc cacacaaatg 600
aaaatgttct ttcagtactg ggactgtcag ttcattggctt tttgcgcttg ggttgtgcgt 660
gatgctgata tccaggtecc agctgggatc ctgctctcat ctccacagcc acagaacacc 720

```

ttgtttctac	atcgggtccat	tcagactctg	caccatctgg	ttgggcaggt	gctactgtgg	780
aagatcttcg	ttttcgacta	ccatttggtg	attcttgctt	taaagtctca	atatcagtaa	840
actgaacaga	ttgtccacca	ccccttggtt	tataaatatc	acccttaatt	agtttagttt	900
caatctcccc	atcggagget	agttcctggt	gggtcagcat	gtacttctca	cacttagcta	960
gtgccttttc	atttgcaaca	gatactgtga	tggcatgagg	gacatgtggc	tgcagtactg	1020
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atcgtctgtg	tcggagacga	attggtggtg	cgttctgata	agggtgaaag	agtaaaggca	1140
caggtgatgg	agaaacagat	ctttgagtaa	ctttttctcg	atctcgctcc	cgagaggggc	1200
tctctggctt	ctcagtttta	ggttcagtaa	caatagcctt	cagttgtttc	agcttttcat	1260
ctttaaccca	gagtttatte	tgcactctca	gctgtttggc	tgccactcta	cgctcacatt	1320
ctttctccca	cttcattgtc	gtttctgtca	ccatgccttg	caacctggct	tctaactctgc	1380
gtttgtcaga	aaactgtcgc	tgaagtttct	ggttctgagt	ttcaagttcc	tgttgcaaat	1440
tgcgtttatc	ttcctcatag	atagtagttg	ttttctctaa	aatctcaatc	ttatatctta	1500
aagttttggt	tttcttttcc	agtcgttcta	tttccaattt	ctgtcctgag	atcatcttct	1560
ccttttcatt	tagtttccct	tgcagtgtgg	tttctttact	taaaacagca	ttgtcaaatt	1620
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ccacatattg	ccttgtctac	aggtcttgct	acttcaactt	cttgagtcac	ttccgcaaat	1920
ctcatgactt	gcaagttttc	ttcataatct	tcagccttgg	ggttcacaca	cacgatcatc	1980
cgcacttttc	cttccccatc	aaagtagttc	ttgaacagat	gggttaactt	tgaatctcga	2040
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cttagcgtca	ttagtgactg	attaatatta	ccagcttcac	gtaatctggt	cccttctgct	2160
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ttaatgttga	acacgctatg	ggaacggctg	gactcacgat	tcaaaggggt	attagcaata	2340
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agttccttct	gggtgggtgtg	agtgccaaat	acttgtttaa	atgaatactg	agtctcctta	3000
tagtctccat	ttcggttgag	tctgtagccc	tcaggagtat	gaagctgaac	agttgtatta	3060
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accccaactg	ggtctttaag	gttcgttttg	gacctttttt	tcacggtagg	tttccgggggt	3180
gtcttagctc	tcgtgactt	catggcagca	ggctccacgc	cgcctcaacg	cgcagtcggg	3240
acggctggct	ggcgaagact	gcgggacgtt	aggaccggga	gcaagaacta	gaacttcgcg	3300
gctaaggcgc	ggtgctctgc	gaagccggcg	gcgacgctaa	gagcccaggt	gagctccgcg	3360
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<210> 7554
 <211> 1001
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (923)...(588)

<223> similar to gi3925782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7554

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aaaaataacc	caaatttaag	gaccagaagc	ataagccatg	aattttactat	ctcaggtaga	180
ctgagcattt	ggataattct	cattctccag	aaatcccaca	ggaaggaaaa	aataaataaa	240
tttatatata	ttcatataaa	gacttttatc	tattgtgcaa	agagagggtc	atctggctcc	300
ccagaagggt	ctcaacccca	tcaagactgt	ccattttaca	tctctagctc	cagttcttct	360
cagagagtaa	aagtgtcca	aaggcctgtg	atcatgggta	ctgattaagg	gctgcagact	420
cttcagatcc	agttaaatcc	ctgggtgttg	agctgtgtgg	gagctgtggg	tgcttgcttc	480
ctggctttgc	ctgaggctct	gccgcaaacc	ctgcagcagc	tggtttagga	gtgtaagggtg	540
gctgtctctg	cgaggcagag	gcaggggtgg	gaggcaattc	cctttatact	cgatcactgc	600
catcttgccc	cgatccaaac	tccgatttgg	gatctgcagc	attcttgtgt	agccccagt	660
ttgatctttg	taccgagggg	ccagtacttg	aaacagcttt	gggatcaaata	ccttctctgt	720
gagccagaag	tcagccatgc	gcatggctcg	ttcgtagtg	tctcccagct	tcccatagtc	780
gatgagcttc	tccgcgtagc	ccctcatttc	gtccacacgc	gcccaggtg	cctcgatgcg	840
ttcgtgccgc	accagccctg	tgagcaagtt	ccgcaacaga	tggatgcggg	actcgggacc	900
gaggcccata	cggcgaaata	cgcggccatg	ggagatcgct	gcagcgaccg	acagccgcat	960
gtttccaact	tctgcccgc	ccttgagggc	cggctcgtgc	c		1001

<210> 7555

<211> 1656

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(617)

<223> similar to gi4895035 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7555

ggcacgagca	catacctgat	tttctagatc	caaaagaact	caggcagaga	ccatgaaact	60
aaagcggatc	cagaaggagt	tgcaggcttt	agatgacatg	gtgtcagctg	acattggaat	120
tctcaggaac	cggattgatc	aggccagctt	agactattca	tacgctcgga	agcggtttga	180
cagggttgaa	gcagagtaca	ttgcagcaaa	gctagatata	cagcgcaaga	ctgagataaa	240
agagcaactc	actgaacacc	tttgtagcat	catacagcaa	aatgagctcc	gaaaggccaa	300
gaagttggag	gagttgatgc	aacaactaga	tgtagaagcc	gatgaagaga	ccttgaggct	360
tgagggtggag	gtcgagagat	tgtacacga	acaagaagta	gaatcaagga	gaccagtggg	420
tcgttttagag	aggccatttc	agcctgcgga	ggagagtgtg	acattagaat	ttgctaaaga	480
gaacagaaaag	tgtcaagaac	aagctgtttc	cccaaaggta	gatgaccagt	gtggaaattc	540
cagtagcatc	ccctttctta	gtccaaactg	cccaaatcaa	gaaggtaatg	acatttcagc	600
tgctttggcc	acatgaagtt	ctgggtattct	tttgagctaa	tatgggtattg	agtaaagtat	660
acttttttgca	gtagatcatg	ccctgacctc	caataaaaac	ctctttaaaa	caatgctgat	720

ttttgaattc	atgattagtt	ttagtaaatt	aataggtttg	gccattctaa	aatccaaaat	780
tatgataact	gtattttctag	gggtatgttt	caccttgatt	ttggcccggg	tctttcagtg	840
ttccgtttac	cctttttact	gaaagtaagt	gacttaaaag	gatggaagaa	aaactacatg	900
gttggaagtgt	ttttagatca	gataaatata	gaaaagtaaa	atggaaaatg	atactcaata	960
cctagttaaa	ctcatttcac	ttctcctggg	agacgtatta	agactggaag	tcctatttta	1020
tttaatcagt	atcagtaaaa	agacaaaaat	tacagtgtga	acaagagaaa	aacaggaata	1080
gaagaaaaaa	gttgcagggt	gaattatcta	tctggatatt	actagagttg	taaaacacaa	1140
cttggaact	ggaatttatg	tgaagaacca	aacaacttaa	accagcatca	cttttgtctt	1200
caatttgcct	tccagtgatt	ttagttttaca	acctgcgttt	tgttatttga	aacacacaca	1260
cttatatata	aacacatgta	attttactat	tttattgtct	ttcctttaat	cgatgaattg	1320
attaaattta	gacaattaaa	acattttctaa	agtgagactg	aaaataatat	agaaaatctc	1380
attgctactt	gtgattatca	aaaaaagtat	gtattttctt	tctaaagtta	tctataaata	1440
tgtttttgat	atgttggaca	tgaattaccc	tgatcatgaag	cgtttaaatt	gttaaaatgc	1500
tgattttctt	attagtttgt	taattgcctg	ttactagtac	ttgaccaata	cattgtgcta	1560
tatgtaaagt	tgtaataaaa	tattgttaatt	ttctcacaaa	gtctgtgaat	atcacattat	1620
gatttattta	tcagaaattc	caaaaagtaa	aaataa			1656

<210> 7556

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (509)...(234)

<223> similar to gi4803699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7556

tttttttttt	ttaacggttt	gtattttgtt	ttatttttat	ttagaagtag	agaatacagt	60
aatagtgagg	caggagaaca	gggaattagg	atagccaggg	gtaggggcat	aagcaaagga	120
atagcagggt	cagccagttt	gcataaacia	gagaacagca	gggtgcagccg	gttctaggca	180
agatcaggca	gcatgcaggc	aagatcaggc	agcatgcagg	ccacatcctc	atgcctttat	240
cagtcggcga	atactgtaag	aaattaagag	gatcgttcca	ataataccag	ccatcacaca	300
caaaataatg	agtattatca	ctacaggagc	tggtacagtg	aaacgatgga	caagttgtcc	360
cgttttctca	tttgtctgtg	atgagatgta	actctttgtg	actgaagaag	aggttgaagt	420
gtgcattgcc	acctcagtg	tacttaatgc	tgatatgctc	acaatttctg	acaatagtaa	480
tacaaagatt	atttttccat	acatcctgag	atcatgagct	ggttcctgct	cgtgccgctc	540
gtgcc						545

<210> 7557

<211> 1110

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (194)...(620)
<223> similar to gi4757008 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7557
caagagggag agtgtgtgag agagagttag ttcaagccaa aatggccgac agagtctctg      60
ctggtttctg aatattttaa atacaaaaaa acagatagac aaaaagaatt catTTTTtgg      120
acctTTTTtc atttccattt ctaccttgta tgcttcaatt tgctggattt aagcactgct      180
gcactttatg agagagaagg agcaagaaag ggaagaacag ttaatggaag acaagaaaag      240
gaagaaagag gataaaaaa aaaaagaagc cactcagaag gtcacggaac aaaaaaccaa      300
agtgtccgaa gtgacgaaac caagtttaag ccaaccaacg gccgccagcc caattggcag      360
ctctccatcg ccaccagtca atggtggcaa caatgccaaa aggggtggcag tgccgaacgg      420
acaaccgcca agcgcgcccc gctacatgcc tcgggaggtg ccgccgcgat tccgttgcca      480
gcaggaccac aaagtgttac taaaacgtgg gcagccccct ccaccgtcct gcatgtcctt      540
tggtgggtgg gcagggcctc ctccctgcac agcacctgga gcaaacccaa acaacgcaca      600
agtgtacagga gcgctgctgc agagtgtgag tgggactgag ccagactcaa cccttggagg      660
tgctgtgctt tcaaattatg caaattccac ttggggctcg ggagcctcct ccaacaacgg      720
cacctcccc aacccaattc acatctggga caaggtgatt gtagacgggt ctgacatgga      780
agagtggcct tgtattgcca gcaaagacac tgaatcttct tccgaaaaca ccaccgataa      840
caccagtgcc tcgaaccctg gctctgagaa gagcactctg ccaggaagcc ccactagtaa      900
caaaggaaaa gggagccagt gccagtctgc aagttctggg aacgaatgta atcttggggg      960
ctggaaatct gaccctaagg ctaaactctg tcaatcttcc aactctacta cagagaacaa     1020
caatggacta ggaaattgga ggaatgtgag tggtcaggat agaattggac ctgggtcttg     1080
cttcagcaac tttaacccaa atctcgtgcc                                     1110

```

```

<210> 7558
<211> 1589
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1590)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1268)...(129)
<223> similar to gi4929643 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7558
tttttttttt ttcaccagtg aagcaggagt tttattgagt tcctccatgt cacattaata      60
cattagcttc aagacacagt ttcaaagacc ccgggtcctt ctgacgtagt gtgttggagg     120
cagctaggcc agcttgaggc actgtgtgtt aaagctgtcc ccctccttgc cggcgacagc     180
ctccagcagg gcctgtttct tctgcatgct ccgtgaggac tccagctcgt acatgggtgg     240

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caggttgaag	agcacgctct	cgtgcaggta	gtgcctgggg	tcttgcctgga	ccatggcctc	300
cagctgccgc	agggagtcct	tgagcttgcc	caggtagagc	agacacacgg	cagcgttggt	360
gttggccact	gcgtttcttg	gatccatcct	taagatctct	gtgaagaacc	tgtgggcttc	420
tgcaaagtta	ttctgcccga	ggtgaaggaa	cgcgctgttc	atcaaaacca	tgattttacc	480
ctgtagtcca	tctaatttct	gtgttacttt	ctcaacgtct	tgaaaatact	tttcagctgt	540
ttttatgtct	ccaatctgca	gggaaatccg	gccgatgccg	ctgagcagct	ggggctcttg	600
ctctgggtaa	tacttgataa	ccgaatgata	cgcctccacg	gccagcacat	aatccttcat	660
caggagcaga	cagtttgcca	tggagtacat	cacccggccc	agacgtgacc	tccacagccg	720
gatagaggct	tgtctgccct	cctgagtcac	gctgctcatg	ccgccgtctt	ctgctaagcc	780
ttgctccaaa	ttggccagga	tcttgcctgca	gacagtcttc	accttgtgca	gtctatccag	840
cgactcctgt	gggttcccca	ggtactgctg	aagctccgcg	tgcaagatgc	gcatcgagaa	900
ggggaccatg	gagccccctgc	gcccagggtg	cacgtgcggg	tagtactcgt	aataaagatc	960
tggctgatca	agatttccga	agggttcaaa	ttccatctca	gcattctgga	aaaggcccaa	1020
cttcactagt	agtgccagcc	tgacaaacca	gagctgcagt	gaatctgtcg	tgtggctggg	1080
gagcagcccc	ctcttgccgt	agccctggcc	gtgggctgtg	aggagacgtc	cgcacaggtc	1140
cactgctgcc	ctccagtttc	tgcagctgat	tagctgtttc	aatccaacaa	aagattgttc	1200
cactgagtcg	gcatttagga	cttgtctctt	tgctgcagct	ttttcaccca	gaaagcgaag	1260
catcaagtct	ttaaactgcat	ctccctggat	gttgtcgaac	ctgaggcccc	gcatggtgag	1320
gttctccttg	tccacgaaca	cggcgcccg	ctgctgggtg	gccacggccc	gcaggactcc	1380
acgcgtagcc	tcgccgggaa	gccaggcgtc	gttcctccgg	tccatctcgc	ccatgctcag	1440
ggcgggtggc	aaggggtcgt	cactccctgc	aaacactgcc	tggatgtgcg	cgaagggatc	1500
tggaaacgcc	gggggcgcag	ctgcctgggg	ccctcgcatg	gccacggggt	cggggcaccc	1560
ccgnngnncc	ncgncatggc	ntacgaact				1589

<210> 7559

<211> 1994

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(1688)

<223> similar to gi2274966 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7559

tttcgtggac	cgggtgcggt	ggtggctgcg	gcggcgccgg	cggtagcagc	atggattggg	60
gcactgagct	gtgggatcag	ttcgaggtgc	tcgagcgcca	cacgcagtgg	gggctggacc	120
tgttggacag	atatgtaaag	ttcgtgaaag	aacgcaccga	agtggaacag	gcttacgcca	180
aacaactgcg	gagcctgggtg	aaaaaatatc	tgcccaagag	acctgccaa	gatgatcctg	240
agtccaaatt	cagccagcaa	cagtccttcg	tacagattct	ccaggagggtg	aatgactttg	300
caggccagcg	ggagctgggtg	gctgagaacc	tcagtgtccg	tgtatgtctt	gagctgacca	360
agtactcaca	agagatgaaa	caggagagga	agatgcactt	ccaagaaggg	cggcgggccc	420
agcagcagct	ggaaaatggc	tttaaacagc	tggagaatag	taagcgtaaa	tttgagcggg	480
actgccggga	ggcagagaag	gcagcccaga	ctgctgaacg	gctagaccag	gatatacaacg	540
ccaccaaggc	tgatgtggag	aaggccaagc	agcaagccca	ccttcggagt	cacatggccg	600
aagaaagcaa	aaacgaatat	gcggctcaac	tgcagcgctt	caaccgagac	caagccact	660
tctatttttc	acagatgccc	cagatattcg	ataagctcca	agacatggat	gaacgcaggg	720
ccaccgcct	gggtgcccgg	tatgggctcc	tgtcggaggc	cgagctggag	gtggtgccc	780
taatagccaa	gtgcttgagg	ggcatgaagg	tggctgcaaa	tgctgtggat	cccaagaacg	840

actcccacgt	ccttatagag	ctgcacaagt	caggttttgc	ccgcccgggc	gacgtggaat	900
tcgaggactt	cagccagccc	atgaaccgtg	caccctccga	cagcagtctg	ggcaccacct	960
cggatggacg	gcctgaactc	cgaggcccg	gtcgcagccg	caccaagcgc	tggccttttg	1020
gcaagaagaa	caagacagtg	gtgaccgagg	attttagcca	cttgccccc	gagcagcagc	1080
gaaaacggct	tcaacagcag	ttggaagaac	gcagtcgtga	acttcagaag	gaggttgacc	1140
agaggggaagc	cctaaagaaa	atgaaggatg	tctatgagaa	gacacctcag	atggggggacc	1200
ccgccagctt	ggagccccag	atcgctgaaa	ccctgagcaa	cattgaacgg	ctgaaattgg	1260
aagtgcagaa	gtatgaggcg	tggctggcag	aagctgaaag	tcgagtcctt	agcaaccggg	1320
gagacagcct	gagccggcac	gcccggcctc	ccgaccccc	cgctagcgcc	ccgccagaca	1380
gcagcagcaa	cagcgcac	caggacacca	aggagagctc	tgaagagcct	ccctcagaag	1440
agagccagga	cacccccatt	tacacggagt	ttgatgagga	tttcgaggag	gaaccacat	1500
cccccatagg	tactgtgtg	gccatctacc	actttgaagg	gtccagcgag	ggcactatct	1560
ctatggccga	gggtgaagac	ctcagtctta	tggaagaaga	caaaggggac	ggctggaccc	1620
gggtcaggcg	gaaagaggga	ggcgagggt	acgtgccac	ctcctacctc	cgagtcacgc	1680
tcaattgaac	cctgccagag	acgggaagag	gggggctgtc	ggctgctgct	tctgggccac	1740
ggggagcccc	aggacctatg	cactttat	ctgaccccg	ggcttcggct	gagacctgtg	1800
taacctgctg	ccccctccac	ccccaaacca	gtcctacctg	tcacaccgga	cggacccgct	1860
gtgccttcta	ccatcgttcc	accattgatg	tacatactca	tgttttacat	cttttctttc	1920
tgcgcgtcgg	ctcgggccat	ttgtttttat	acaaaaatgg	gaaaaaaaaa	aaagaatttt	1980
ttttaaaaaa	aaaa					1994

<210> 7560

<211> 1491

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1480)...(163)

<223> similar to gi535185 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7560

gtttttcagc	tttatttcaa	atgctgtgta	gcataagaac	ctagccgtca	gacatcattt	60
tttagctatg	aaaaatatga	aacaaggcat	attctaaagt	gctgaaggaa	ttaattgcc	120
tattagataa	cgaataacctg	gaggaatgaa	cagagtgatt	tatggcttaa	agtgcctggg	180
tctgatcatc	atcttagcct	ctttgaagga	ggactttag	ccaccagggt	gtgcctcact	240
tacaccaggc	caggtacccc	agaaaatccc	attacggaca	cctctgtatt	tttggtgata	300
atatttgcca	tttaagtttg	cagaaagaca	tgcataaac	caccagcctg	aactgtagta	360
cagcccacag	ttcccagaag	gatatcgatc	attgtcttta	tctggagtgg	tgaaaaactt	420
cagatcgtgg	ttgtaattgt	tgttgaaacg	taatgcactc	ccagctgtgc	cattatagtt	480
accaacgtgt	aaacgatatt	tgagaaactc	attagccaca	taaaactgat	catacaaggc	540
atatagttcg	acaccattaa	agtcttcaag	atctattctc	agaatcattt	ccttactctt	600
ggtcagaaga	tgaattttat	cgttccccag	ccaaaattcc	cttctgaggt	ttccaaagcc	660
tgtttttag	tcttgccatg	ttctgggtgaa	gttgggtgctc	ccatcgagac	gtgcctgcag	720
cactgtccag	cctcccccca	tggctcccat	gtcacagtaa	acttcaaagc	tactattttt	780
gggatcagg	gtaactctgt	aggtctcact	gcttcttttg	cctattgcgt	agtagtcaga	840
gcaatcttta	tatattagat	gttgaaactgg	acgtgactgt	atttgttctt	ggctgggaca	900
ctttgaacat	ttgccatcca	aactattgac	aacaaatgtt	agatttgcca	ctttgctgtc	960
aacataattt	tctatgttgt	tcatattttac	aagatttcagc	ttctccaggc	gaccatgaag	1020

tacattgata	tcctcttttg	cattcttttag	ctcagaggac	agcttggttaa	cctcactctc	1080
taattctcta	actctgttat	caccaacctc	tcccggggct	cctgtactgg	gtaacaacag	1140
tccgttttctg	cctgggtctc	cgttgtcatc	agcctgcagc	ttgcagtcct	ggcaagattt	1200
ctttagacta	tttacgattt	ccttgagggt	ttggacttct	ttgaacacct	cctcgatcct	1260
gctgaattgc	ttcgggagct	gaatagtcaa	ggggggcagg	cttacctggt	aggggcactc	1320
ccctgcctct	tcgcatttcc	ctctgctttc	tagtctcact	gggcagacat	cctttgctct	1380
ttcatcttta	atttcctctg	tttcattggt	tgccacaacc	aaaaaacctg	aagtggcaag	1440
aacagctgag	ctcagccagt	accagtttag	cagcttcata	tttacagtgc	t	1491

<210> 7561

<211> 1725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(823)

<223> similar to gil79789 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7561

ggaagagaaa	gcaggagccg	tccagcacgg	aggaaggcga	ccatggccaa	ggagtggggc	60
tacgccagtc	acaacgggtcc	tgaccactgg	catgaacttt	tcccaaatac	caagggggaa	120
aaccagtcgc	ccgttgagct	gcatactaaa	gacatcaggc	atgacccttc	tctgcagcca	180
tggtctgtgt	cttatgatgg	tggtctctgc	aagaccatcc	tgaataatgg	gaagacctgc	240
cgagttgtat	ttgatgatac	ttatgatagg	tcaatgctga	gaggggggtcc	tctccctgga	300
ccctaccgac	ttcgccagtt	tcatcttcac	tggggctctt	cggatgatca	tggtctctgag	360
cacaccgtgg	atggagtcaa	gtatgcagcg	gagcttcatt	tggttcactg	gaacccgaag	420
tataacactt	ttaaagaagc	cctgaagcag	cgcgatggga	tcgctgtgat	tggcattttt	480
ctgaagatag	gacatgagaa	tggcgagttc	cagattttcc	ttgatgcatt	ggacaagatt	540
aagacaaaag	gcaaggaggc	gcccttcaca	aagtttgacc	catcctgcct	gttcccggca	600
tgccgggact	actggacctc	ccagggtcca	ttcaccacgc	cgccctgcga	ggaatgcatt	660
gtgtggctgc	tgctgaagga	gcccatagac	gtgagctctg	accagatggc	caagctgcgg	720
agcctcctct	ccagtgtctg	gaacgagccc	ccagtgcctc	ttgtgagcaa	ctggcgacct	780
ccacagccta	tcaataacag	ggtggtgaga	gcttccttca	aatgaggctg	ctggatcttg	840
ccctcttcag	gaaaggaaac	ctaccattgg	agagcttggt	tccttgccctc	cttctggtgc	900
tccttactcc	aagtctattt	catttttcca	cactgagcaa	tgaatgtgag	agatgtggtc	960
accaagatct	aagttacttg	ttgaaagaaa	gttacttttcg	acaagatcta	atatgaaagc	1020
atagattttca	catttgatct	ctgtaataat	catctttcct	ataaaagtag	catttttggt	1080
aaagtttcaa	agaagaagaa	acagagatgg	aagagtaaag	atatttttaa	aatggctagc	1140
tattggggcac	cagtttttct	gttatctaaa	atttcacaca	acttcattgt	ttttattttt	1200
atattatgag	ttgtccatct	taaagaaata	tgagtaattc	tacatgtagt	agaggtgtat	1260
gaagatcata	taacaattaa	acataagcca	gaaattaaaa	tgactataga	cagcaagaat	1320
tgagctaata	atatgtttta	actcttaaca	ccagcaagaa	gtcagtcatt	tattgaagtt	1380
ttagctacta	agattacttg	gttttgatta	ccagtgaaaa	gaaaacacaa	tacaatcagg	1440
agttttcaaa	tttttgattc	agtatttgaa	tttcttcttc	ataaatgtag	ttgaatttat	1500
cctagtattt	ttctttacct	gaagttaggg	catttatattt	taatttcact	acatttttct	1560
ttgcatgatt	attaaaataa	aaactgcctc	tggtgtgttt	ctcactggag	gctggaatga	1620
atgatcacta	gaacacaaaa	gagtgaatga	tgacacttga	agtcaaagca	gttgtagtga	1680
tcaccagaac	caataaagac	ataaatggaa	aacgtaaaaa	aaaaa		1725

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<210> 7562
<211> 1032
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (107)...(521)
<223> similar to gill177435 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7562
ctgtggggca gaggcgctgc tgtggttggc cagtccagta agaagccagc agggctggtg      60
ctggggcttc ttctcctgaa ggggctgcaa gagggaaggc ttagccatgt cgtccttgat      120
cagaaggggtg atcagcaccg cgaaagcccc aggggccatt ggaccctaca gtcaagctgt      180
attagtcgac aggaccatth acatttcagg acagataggc atggaccctt caagtggaca      240
gcttgtgtca ggaggggtag cagaagaagc taaacaagct cttaaaaaca tgggtgaaat      300
tctgaaagct gcaggctgtg acttcactaa cgtggtgaaa acaactgttc ttctggctga      360
cataaatgac ttcaatactg tcaatgaaat ctacaaacag tatttcaaga gtaattttcc      420
tgctagagct gcttaccaag ttgctgcttt acccaaaggc agccgaattg aaattgaagc      480
agtagctatc caaggaccac tgacaacggc atcactataa gtggggccag tgctgtgtag      540
tctggaattg ttaacatttt aattttttaca attgatgtaa catcttaatt aaccttttaa      600
ttttcacaat tgatgacagt gtgagtttga tgaaaatatc tgaagctatt atggaaatac      660
catgtaatag ggagagttga acatgaatat tagagaagga atccagttac ttttttaa      720
tacacctgtg tgcacctgta ttactgaata taggaaagag ataccatta catagttact      780
cagtaaacaa aagagaaata ccagggtagg aaagaagagt ttactatttc ctgagaaata      840
atcaagaaca tatttaattt aaactaatga tgtgaactat ttagttttga tgtccgttat      900
gtgattctgc ttttacttga gtaaaattaa agtgtttaaa tttgagatca aggagaagat      960
atgtggaaca aaatgttata tagataatat ttttctaatt gaaataaaat aggcagattt     1020
caaaaaaaaa aa                                     1032

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```

<210> 7563
<211> 1503
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (171)...(714)
<223> similar to gi4680713 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7563
gccggccttgc tttcccccctgc ggtcgtccag actattgggc gctagcgcga cgaactattg      60
gtacgggggct agagaggaag gctttgggat tgccgggggag cagcgagcga ccgacttccg      120
tttccagtta ccaaggcacg aggatccggt gttccaaccc aggggggaaaa atgcggcctt      180
tgactgaaga ggagacccgt gtcattgttt agaagatagc gaaatacatt ggggagaatc      240
ttcaactgct ggtggaccgg cccgatggca cctactgttt ccgtctgcac aacgaccggg      300
tgtactatgt gagtgagaag attatgaagc tggccgccaa tttttccggg gacaagctgg      360
tgtcgtggg gacctgcttt ggaaaattca ctaaaaccca caagtttcgg ttgcacgtca      420
cagctctgga ttaccttgca ccttatgcc agtataaagt ttggataaag cctgggtgcag      480
agcagtcctt cctgtatggg aaccatgtgt tgaaatctgg tctgggtcga atcactgaaa      540
atacttctca gtaccagggc gtggtggtgt actccatggc agacatccct ttgggttttg      600
gggtggcagc caaatctaca caagactgca gaaaagtaga ccccatggcg attgtggtat      660
ttcatcaagc agacattggg gaatatgtgc ggcattgaaga gacgttgact taaaacgaag      720
ccattccaag gacagacggc tgtatggaaa ggccgagctt tgtttcctgt gtttgtgtgg      780
actccaccat catgttgaat tttgtcaaca ctctggcctc ttcagggact tcttatttac      840
tgtactctct atcactgaca aatgcaggct ggattcttat tatatacaga gatggctcaa      900
aaatgggggt tcagatcttt gtgacgaaat agaatactgt ttcataattg aatcagaggg      960
cttcttggtt tgagaaatag gttcaaaatc attggaacca ggaacaagaa tagcttattg     1020
ttatctgtga taacactgtt ttctaaacac aaggattttc ttttttatta atatgcaaca     1080
tagacattgc cataacagaa taataaacca catgtggggg tttaaaaatg aaatttggct     1140
aataggagca attcagctat ttttctatac agtaattggt gtgtggtata gaagaaaaac     1200
gggttcaaac cccacttctg ccacctacca gctatatggc cttgaatgag tcattcagct     1260
ttaataaggt tcattttctt ctgtttaaaa agacacaaaa cttgaaaatc agctttggcc     1320
atctacctga gaattagaaa gtctgatttt tgggaattaga aatcatgatt gtaggctggg     1380
cacagtggct cgcgctgta atcccagcac tttgggaggc caaggcggac ggatcacttg     1440
aggttaggag tttgagacca gcctggccaa catggtgaaa ccccatctct actaaaaaaa     1500
aaa
1503

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<210> 7564
<211> 1622
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (838)...(350)
<223> similar to gi5453264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7564
tttttttttga gtttaacaca gattttattg ccctatagac agttatgatg tgaccagtgg      60
atatcaatga aacttcttaa ttatttgagt ctgaaaatgc atatttaaaa cattaaaaga     120
ttgactccac tttgtgccaa gctctgcggg taggcatatt tcatatctta aaaaggcttg     180
taattcattc agggaggcaa aagcaaaatc tgtaattaga ggtagccat aatgttatga     240
aaagtgccat gagaatagag agagagaata aaatcataaa gatataaata aacatatttg     300
aactacaggt gatgtattgt cttaaattac ttctatatca taatcccgga gggccttcaa     360
tggaaaatcc taggtagaaa gacactcttt ctatgttcct accacttctg agtggacctg     420
aataaacaga tattactggg atttttatct tttcctctgt tccatattct acagagatta     480
gcttgccctc agcctgacca gtagacgac gcaggaggtc tttgaattca ttttttttcc     540
acacatcccc actgtgccag agggaatttg tattttgtgc tttatcaaag tactgctcta     600

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ttttggcctt	gtgaacaata	ctgttttagac	ccttcctttt	gcccagatag	aaaagtgtgc	660
ttgcctgctt	ggacctgcac	atgcgcttgt	actgtccctt	gaaggatcta	tttaaggatg	720
aaacatactt	ttctattagt	ttggaatcct	gatctagctc	ttgattttct	ggccagaaca	780
ggaggcaggc	caagaaataa	ggacctggat	attgatgact	tagtcctaca	aattgcaaga	840
cctctcggag	ttgttttttt	agcgtggtaa	gtggttgaat	taacttggag	ttgggcttta	900
gacaactcag	aataatgttg	gccaaaatgg	aattttgttt	ctcatttgtc	atgggctttt	960
ttgagttttg	ctgcagtagg	aaggcatatt	cattcactat	actttccatg	gtggtagcat	1020
ctttgtagtt	tggattaaga	tattccaaga	gtccagcaaa	cctatctgct	ctcagagctt	1080
ctagcttttt	cctgcaattc	tcctcctgga	gtaattgact	ctctttactt	tgtaatagac	1140
atggatccaa	atgacagaaa	agttctgtgt	atttctgaa	acaacgactg	actttcttgc	1200
ttaacatgat	ttctgcaatt	tctttttggg	tatacctcat	tttcagaaga	accatataat	1260
caataaaaaa	gtcaaagcac	cttttcagat	ctgattgtaa	attttttagg	tgggatgtga	1320
acttgctaag	agccaaataa	cattcatttc	tgggatcagg	aggaatggtc	cactttcctg	1380
ataaaaaattg	caccatatgt	tttttgata	attcattttc	tttgtggaaa	aagggagtga	1440
gctgaagaat	ctggatagtg	taaagaccaa	cttctatttc	acccaagaaa	caagctgtgt	1500
tatacatgtc	atatcgtctc	tgggacttct	gtggtgacca	gttctcgggt	tcatagtttt	1560
tactatcagt	ttgccttttg	gattctttga	aagctcttga	ggctttttcc	gcagcttcta	1620
gg						1622

<210> 7565

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (729)...(489)

<223> similar to gi29977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7565

tttttttttt	ttataaaaac	ttcctcttta	atcaaggctt	ttaaacatga	acagattttct	60
tgaaataaaa	tggaaagttt	ccagtacact	gaaacataaa	tcccgcgaagt	caccacacat	120
acaacacccg	gcaggaaaaa	acaaaaacag	caagtttaca	tgatccctgt	aacagccatg	180
gtctcaaact	cagatgcttc	ctccatctgc	caagtgtgtt	ctggatacag	agcacatcgt	240
ggcttctggg	gtcacactca	gcttagcgct	gtgcgggtcca	cagagcactc	atctggctgg	300
gctatgggtg	gtggtggctc	tacttaagaa	gcaaagcagt	taccagcaca	ttcaaacagt	360
gtattgaaca	tcttttaaat	atcaaagtga	gaaacaagaa	ggcaacataa	taatgttatc	420
agaaagatgt	taggaagtaa	ggacagctgt	gtaaagcttg	aggctgaaaa	gtagcttgcc	480
agcttcattt	ctttggtttc	ttgggtagtg	ggcgccggaa	cagcaagatg	tgaggttctg	540
gttcatggat	catataatgg	acccatccct	gactctgctg	aacgccaaga	ttcctccatt	600
cagattcaga	catcagatgg	gttttaggga	ccagcttggc	tatgtccttg	ggcagcatga	660
catgtcgata	ctcaaactcc	tcgtcgtcgt	atttgtccga	atagtaaatt	tgtttgtgcg	720
acatgatcgc	tcggtttgct	agccttcagc	cccgcgccgc	caacctccaa	gcaactccct	780
atagcacccc	ctctaccccc	tctagagcca	aaaaaaaaa			819

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<210> 7566
<211> 1460
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1177)...(59)
<223> similar to gi4239682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7566
tttttttttt ttgttccttc tgttttatttc attttggatg ctcagtgaat gttaattaac      60
caggaaactt aaaagttatt tcaattatga acctcttcaa tccttcatca attatatttga     120
gtattctggt cttaaaaaca tctctttctt ctacaaactt ctgaaagaga tgaacacctc     180
cacctacacc aaaataatgt gctttgctgg ccaaaagtac acgtccattt ttacttaaca     240
gtctaaggaa agtctggtgc aaattactat aataatctgg gttgtaaagt gtttctgagg     300
tgagaatgag atcatatttt acaaaaagtt ttctactact tagtacaagc ttacaaaact     360
cagaccactc accagaaaaa aatcggcatt tatatagttg tgttactttt ggtttcctgc     420
atcttttcac atctggtcct tttacatcat tttcttcac tcctcaaagt gagtttagcta     480
ctacattagg taaggttact tcatcaatca ccatactggt ataatcttga aagtgaattt     540
ctttggaccc tcccttgaat gcagttatac ctagtaaacc tgatccacaa ccaagatcca     600
agactttttt cccagcaaat ttcactttgg cctttgtgaa ataagccagg aggtcaaagg     660
tacattccca gattttttaag cctccctcat aaacacctgt aatcagatca gagtgagaag     720
aaaagctttt tgaaactatg ttttctccag ggaagttctc tttcaacaag atggttttca     780
ctactgataa cttaacatgc tggaaacctg gtaatgtttc tatgacttta ttttctaaca     840
tcttctttta atcttttaggc atagcatgct ctttggcagc tctcaaggag ggctgttttc     900
catgtggctc caagtccctt gaactgctgg ctgcactgag tggactgtct gtgtcttgag     960
agggagctgc attttccatt gacttatggt cccacaagtg atcctgaggc aagtcaaatt    1020
gttctgcaga acattttctg tccctctctt ctcttttttg actttctgag actgacagct    1080
cttttgagga atccagggtc aaagctccat ctctaattgg tgtttaattca ttttccagat    1140
ggctcttctat agtgaaatta aactgaaagg tcatcctctt attaaatgca cacaatcttt    1200
aaattcagat tcttcaactt ctggatagaa tttgatgata cacacaaatc tgcctcaatt    1260
attcaattag ttttgttggg cccaatttct ctttagcagc ttatacatgg taacaaatat    1320
ttagagatat ttccaaatga ctttttagac gtctttgggc ctctttccaa gcagctctgg    1380
ggatgcttgc ttcccagcgt gtctctggat cgcgcttctg aaaaagctca cctcacaacg    1440
cctcctccgg acctaaatcg                                     1460

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<210> 7567
<211> 3407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (79)...(525)
<223> similar to gi4100164 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7567

gttatttttc	aggagaagcg	ctacaaagca	gccactgtgc	ttactgaacg	gcctccccct	60
gtatcgctta	attgagaagg	tatacaaag	ctctcagtc	agccagacac	caagccgaaa	120
ggttggtgctg	gctgcaaccg	aaagatcaag	gaccgggtatc	ttctaaaggc	actggacaaa	180
tactggcatg	aagactgcct	gaagtgtgcc	tgctgtgact	gtcgcttggg	agaggtgggc	240
tccacctgt	acactaaagc	taatcttata	ctttgtcgca	gagactatct	gaggctcttt	300
ggtgtaacgg	gaaactgcgc	tgctgtagt	aagctcatcc	ctgcctttga	gatgggtgatg	360
cgtgccaagg	acaatgttta	ccacctggac	tgctttgcat	gtcagctttg	taatcagaga	420
ttttgtgttg	gagacaaatt	tttcctaaag	aataacatga	tcctttgcca	gacggactac	480
gaggaaggtt	taatgaaaga	aggttatgca	ccccagggttc	gctgatccta	tcaacatcac	540
cccattaaga	atacaaagca	ctacattctt	ttatcttttt	tgctccacat	gtacataaga	600
attgacacag	gaacctactg	aatagcgtag	atataggaag	gcaggatggt	tatatggaat	660
aaaaggcgga	ctgcatctgt	atgtagtga	attgccccag	ttcagagtgt	aatgtttatt	720
attaaagaaa	aaagtaattg	acatatggct	ggattttttt	gcttgctatt	cgtttttgtg	780
tcacttggca	tgagatgttt	atgttggact	attgtatata	atgtattgta	atatttgaag	840
cacaaatgta	atacagtttt	attgtgttac	catttgtgtt	ccatttgctt	ctttgtattg	900
ttgcatttag	tacaatcagt	gtttaaactt	actgtatatt	tatgctttct	gtatttacca	960
gctattttta	atgagctgta	actttctagt	aaagaattga	aaagcaaata	tcactaatga	1020
tacacagata	gataaagcaa	gtctatcaac	attaaaaata	ctaaaaaata	aagacacaca	1080
cagagcattt	tagtgacatc	cactacttat	tgccgctatg	agtttagagtc	tatcagtgtt	1140
cttgttataa	ccccctattt	tcaggggggt	taaaaatcag	ctttaaaaaa	atacataaaa	1200
atttcatctt	aaagcacttt	cattttatac	caacgtgaaa	agtgccattt	ttagaataac	1260
tttaaagctt	aacagggtttc	cttttaatat	cctttttttg	tgtgctcttt	acttacacaa	1320
tggtttgtt	ttgctttttc	agccacaccc	cttatgtgaa	ctagtgcctt	tgggtatcac	1380
gtaaaatttt	ttccaaaggg	ttacttttaa	aatctgttac	cacaattatg	agatgatttt	1440
taagtgtata	ataaaacttc	ttcttgtata	aattctgccc	agatctctcc	acaagagctg	1500
aggggtttcat	aacttttatgg	cttaataaat	gtatgacact	gaaaagattt	gagtgtgaat	1560
ctactgaaat	cactataatg	cacattgaag	ctatgatggt	atttgagtag	tgaggttact	1620
tttgatcgga	gcaacataat	gtcatagaa	tcttctagaa	gaagagaaac	aaagggattg	1680
ataaaatgct	gagaactagt	gattatatat	ttttctgtat	ttacctgaca	tttattttta	1740
tgttcaaaaa	gtaaacactt	taagtttgat	gtgttttact	ctctcattgt	tttaagtaat	1800
tgccaactca	gaatacatca	ttcttaggct	gaaatttgtc	tttccatttt	ttaaggtgaa	1860
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gaatgattat	ttaaattaca	attaaggaaa	tgagaatatg	atccccctct	ccgagttgcc	1980
cacaaacttg	cttctttgct	tttgctccct	gtaatagaac	tacttttcaa	caaatactaat	2040
tttgacacgg	accgttaacc	atattttcac	tacagcaaac	ttagtgtctat	gggttttctt	2100
tttctttgtt	tttttcttga	tcacttgtat	aggaaacaat	attttccagt	gttatttgca	2160
tatatatttt	gtccttccaa	tatatgcatt	acagatgaaa	attaaatggt	atacctgaat	2220
tcttggttg	gggccaata	attaaggctg	gaaaataatg	ctgggtgtgg	gatttgtttt	2280
aaaacaaagg	cttttattta	tggaacatgg	catgtggaat	ctgggatatt	gcctcttatt	2340
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aggagtcttc	aagttccatg	ttccccagat	ttgagatata	ctaaagaaag	aaattcaaaa	2460
gtagctattt	ggggcccaca	aaaataacta	ttatttttagc	cttagagcct	tacacttggt	2520
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tgggggagag	atcagtgaag	agtggttttc	ttaatgcagc	cctgctgggc	cccatataca	2640
attgcttgaa	attcacatgg	atgtaaaatt	ataattgtca	ggatcttatt	cagatgatct	2700
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aacaaacttc	tctcagcttc	ttgaagttgt	tcaactatcc	ttgccactgg	aagaccacaa	2820
aaggttttca	ctgctttttc	ttttacataa	tatgctgaga	attatttctt	atgctttttta	2880
ctacaaacaa	aattactcac	ctggattaaa	gattaaggcc	ttaatctggt	tagattatct	2940
ttaatctcca	tgaaatcgtg	aaataagaca	agaatagtgt	ttcagctgta	ggccattttta	3000
cagctaattg	cccataaatt	gtagcattta	ttgacctgaa	gtactaagct	aattgtcttg	3060
actactcaaa	gcccctgaat	tgttgtcaac	tttccccctt	gtgttgggta	gccctaacgt	3120
catttagctt	gttgtctgat	gcctccagta	ggacacctcc	gatggagctt	tgatttctga	3180
gcagcgaaag	ctcccttcct	aagatgcate	tcgcataggc	tgccatgat	gaaggaccgt	3240

gcacctccac	tccaacagag	tgctgagttt	aaaagttgac	ctgtgtttgt	aatttcactt	3300
tcattcttgc	taataaatat	ctgctggatt	ctttcattca	ctttttttaca	tttgatttta	3360
tgtttttacc	caaaggggtg	ttcccctaaa	aaaaaaaaaga	aaaaaaa		3407

<210> 7568

<211> 2571

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(657)

<223> similar to gi3213202 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7568

agacgcagct	cctcaggcgc	ccggcgggtat	ttgttgggtc	ggcggcgctca	gggattcgca	60
gtggcctgtg	gtcggcgctcg	tccggccact	ggtgcgcccc	cgcggcaggc	agagctcacg	120
ctcctgtccc	ccggctgggtc	cggggtctgg	gcgcgcgctc	gacggcggct	ccgcaggacg	180
cgcagaccgg	gccgcagccc	atgccccgag	cggactgcat	tatgaggcac	ctgccttact	240
tctgccgggg	tcaagtgggtg	cggggcttcg	gccgcggctc	caagcagctg	ggcatcccca	300
cagctaattt	tcttgagcaa	gtggtagata	atcttcacgc	tgatatatcc	actggtattt	360
actatgggtg	ggccagtgtt	ggaagtggag	atgtccataa	gatgggtggg	agcataggat	420
ggaaccata	ttacaagaat	acgaagaagt	ctatggaaac	acatatcatg	cataccttca	480
aagaggactt	ctatggggaa	atcctcaatg	tgcgcattgt	tggctacctg	agaccagaaa	540
agaactttga	ttcttttagag	tcacttattt	cagcaattca	aggtgatatt	gaagaagcta	600
agaaacgact	agagttacca	gaacatttga	aaatcaaaga	agacaatttc	ttccaggttt	660
ctaaaagcaa	aataatgaat	ggccactgat	gaaaaattgt	attattttatt	cattcactgt	720
tttctagtgt	ttctgtgttt	attactgttc	agcatcatct	tggttatata	ctgaaaatca	780
aacactttac	tacagttgtg	aattagttta	aaccgtacaa	tgttgttatc	atatcatgct	840
tcaactatta	aattaagccc	atcatatcat	agcactaaaa	agattgagtt	aaaaataaga	900
tttaaaaaat	atatattgat	taaaatgtac	cactagaaaag	gtattacatg	tgtataagta	960
tgggtaaaaa	ggcaagtcac	tagtttgaga	tgaaaactaa	aattttcatg	gtaaaatgcc	1020
agcatgtatg	tacttggtga	gtgtgtactt	ctaaacagag	aaggcttata	aaagtaaagt	1080
cattaaggcc	aagtgcagtg	gctcacaccg	gtaatcccag	cactttggga	ggccgaggtg	1140
ggaggattgc	ttgagctcat	gagttcaaga	ccagtcctggg	caacatagcg	agactccatc	1200
tctataaata	aaaaaaaaagg	aaatgcatta	aatagaaggt	tgatagttta	tcataaacct	1260
gcggggaaga	aactcagact	ttctattttt	gatattttgt	gcattaatac	attacaaaca	1320
tgaagatgtt	tgtaaagttt	tgttttagtc	attttctttg	cagtcacatc	attgtaccac	1380
cttcattatt	gtatagagct	gcttcaattc	tgagtcctct	ggacttcccc	tgcctatctg	1440
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gttgataaat	gtttcttctt	tttaatggta	aatattcttg	ttcttcaaca	tttttctttg	1560
gttctttttt	ccttttttag	gaaaaacaaa	acaacagact	tcatccttag	gttttctcaa	1620
gatttaagtg	aacacattta	cacatatcaa	tttcttaaag	aacacaaaat	gtttctctcc	1680
tagcaaaact	atttaagagc	caattaaact	atgaaatagt	tataaaatta	tttttaatat	1740
ttaaggcctt	gaaattatat	tccaaggcaa	atctaaatgg	gtgtagttgt	atatgcacga	1800
tgtaatttaa	tgctaaagag	tacttacagc	ttgagggaaa	agcataaagt	tttagttaa	1860
tagccttcat	actgtggatt	tttcctccta	ctaactaata	tgtgggaaat	taagattaca	1920
gatgcttttg	gccccctcaa	acagtacatt	gctacagttc	actgtagcaa	cagatttggt	1980
ggtgatgggg	ggatagaggt	agaagcagat	agaaggtaat	tttaaagtta	atttattatg	2040

aatcattttc	ccctaactctg	cataaatgaa	ttagaactga	ttttaataaaa	aatattctgt	2100
gtaaaaagta	ctcagaaaaa	catctaaagc	tggtggagaa	gagggactca	tataaatagt	2160
tggattgcgt	tttgcttttt	atctctttat	aaaaatatgt	caaaaacagt	ttttaatttt	2220
agaaatctta	tacttgaaaag	aaacctcaat	tatcagtggc	tttatgaagt	aaagttaaaa	2280
acaaacatag	gaaatgtgaa	aatattttgt	tttgttttgt	ctgactaact	tgctgctaaa	2340
tgctatcttt	aggtgtgtga	aagtctcttg	atatgttatt	gtccttttac	atcttgtaa	2400
atagccattg	cttttgagaa	tcagatagtg	tggtgtttag	gggttaattg	tgtctatc	2460
tttcaaaaac	ttttatatta	tgtattataa	gaagttacag	tagtaccatt	ttgattagtc	2520
tgaatgtttt	caggccttga	aataaatttt	gactaagtga	taaaaaaaaa	a	2571

<210> 7569

<211> 1872

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(1350)

<223> similar to gi688292 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7569

ccaggaccca	gcagtgccct	ctgtccactg	ctctgggcca	ttccccaatc	ccccctccca	60
cttgagcccc	taactcagaa	tctgggaccc	agggggcccct	ccctacccca	gctaacctct	120
tctggaccag	gagagccaac	ccagatccca	ctacctccat	gagtgcctaca	gacaggatgg	180
ggcccaaagc	tgtgccgggt	ctgcggctgg	cactgctgtt	gctgctgggg	ctagggacac	240
ccaagtcagg	ggtacagggg	caggaagggc	tggacttccc	tgagtacgat	ggtgtggacc	300
gtgtgatcaa	tgtcaatgca	agaactaca	agaatgtgtt	caagaagtat	gaggtgctgg	360
cactcctcta	ccatgaaccc	cccagggatg	acaaggcctc	acaaagacaa	tttgagatgg	420
aggagctgat	cctggagtta	gcagcccaag	tcctagaaga	caaggggtgtt	ggcttcgggc	480
tggtagactc	tgagaaggat	gcagctgtgg	ccaagaaact	aggcctaact	gaagtggaca	540
gcatgtatgt	attcaaggga	gatgaagtca	ttgagtacga	tggcgagttt	tctgctgaca	600
ccatcgtgga	gtttctgctt	gatgtcctag	aggaccctgt	ggaattgatt	gaaggatgaac	660
gagagctgca	ggcgtttgag	aatattgagg	atgagatcaa	actcattggc	tacttcaaga	720
gcaaagactc	agagcattac	aaagccttcg	aggatgcagc	tgaggagtth	catccctaca	780
tcccccttct	cgccaccttc	gacagcaagg	gggcaaagaa	gctgaccctg	aagctgaatg	840
agattgattt	ctacgaggcc	ttcatggaag	agcctgtgac	catcccagac	aagcccaata	900
gcgaagagga	gattgtcaac	ttcgtggagg	agcacaggag	atcaaccctg	aggaaactga	960
agccggagag	tatgtatgag	acctgggagg	atgatatgga	tggaatccac	attgtggcct	1020
tcgcagagga	agctgaccc	gatggtttcg	agttcttaga	gactctcaag	gctgtggccc	1080
aagataaac	tgaaaaccca	gatcttagca	tcactctggat	tgaccctgat	gacttcccc	1140
tgctgggtccc	atactgggag	aagacgtttg	acatcgactt	gtcagcccca	caaataaggag	1200
tcgtcaatgt	tactgatgag	gataggctat	ggatggaaat	ggacgatgag	gaggacctgc	1260
cttctgctga	ggagctggag	gactggctgg	aggatgtcct	ggagggcgag	atcaacacag	1320
aggacgatga	cgatgatgat	gatgactagt	tgctatggca	accatctttc	agccccactg	1380
gtcttttcat	gctctctcct	gccttccctt	gtccttccct	gagttcctcc	aggagacta	1440
ggttattctc	tgccatagag	ctaactgggg	tctatatgct	gggtgctgag	acactgatcc	1500
ccctcatctt	atgagcaaat	gagctacttt	tccttagaca	ccaggcccag	ctcttctctt	1560
atctgacttc	tgtttcttat	ccccataact	tacgttgtat	ctattatgtg	tctcttccat	1620
cactctccat	actctttctt	gtgattctcc	tctagccata	tatatgggccc	cctatctctg	1680

ttctgttccc	tccatctatg	cacagctttc	ccccactctc	tctaatacctg	tatcttttctg	1740
actgtcctgt	ccttgccag	aaggaaagga	gaatactgtg	tttgggactg	tatctcagca	1800
atcacttggt	aatgtatttg	ggtcaaata	gaggcctcaa	taaagacatc	tggggcagca	1860
tgaaaaaaaa	aa					1872

<210> 7570
 <211> 1103
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (114)...(833)
 <223> similar to gi4539600 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7570						
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aaagcaagt	cgagtacgtg	agggacttcg	aggctgacga	cacctgcctg	gcacactgct	180
gggtggtagt	gcggctggac	ggccggaatt	tccatcggtt	tgctgagaag	cacaactttg	240
caaaacccaa	tgacagccgt	gctctccagc	tgatgaccaa	atgtgcgcag	actgtgatgg	300
aagaactaga	ggatattgtg	atcgcgatg	gacagagtga	tgagtacagc	tttgtgttca	360
agcggaaaac	caattggttt	aaaagaagag	ccagtaagtt	catgactcac	gtggcctccc	420
agtttgcctc	cagctatgtg	ttttattggc	gggattactt	tgaggaccag	ccccttctgt	480
atcccccagg	ccttgacgga	agagtcgtgg	tgtatcccag	caaccagact	ttaaaggact	540
acctcagctg	gcgacaagca	gattgtcaca	tcaataatct	ttataatata	gttttctggg	600
cacttataca	acaatctgga	ctaacaccag	tacaagccca	aggagatta	cagggaactc	660
ttgcagcaga	caagaatgag	attttgtttt	ctgaattcaa	catcaactat	aataatgagc	720
cgccgatgta	taggaaagg	actgtgttga	tatggcagaa	ggtggatgaa	gtgatgacaa	780
aagaaattaa	gctgccaaca	gaaatggaag	gaaaaaagat	ggcagtgacc	cggaccagga	840
caaagccatg	caagccctcc	cacctcccaa	gggctccttg	ccttaggtgg	ctgtagcatc	900
cctaccaccc	aggacactgg	tgcgaaatgac	acaactcaag	ttggggaggg	gaacagggaa	960
ggaagggatg	gatgggggtg	gtgtatctta	ctctgtttta	gcagaacacc	ttgtttgcgg	1020
tgttggaaca	tggttccttt	ggcagaagtg	cttttttttt	aatcgagta	ctatttttat	1080
aaagcaagaa	ctattccatg	cca				1103

<210> 7571
 <211> 1258
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1067)...(964)
 <223> similar to gi2108256 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7571
aagaaccgag ggagaagccg gatgtttgca aacaatcgag gagacgactt gcggaaccaga 60
cggcgcggac gtgttcgtac ccggagcctc tgcgtggaag agcgcgttcg tcgcgaccct 120
gcccgtgctg ttggtcctcg cggcgtggc gctgggcgtc ctccggaagc agcggagaag 180
ccgagaaaag ctgaggaagc aggcggagaa gagacaaggt gagcggggac agggcgttct 240
gcacgcacct gcccaagtgc caaaaccgc cgtcatctaa aggtgtggtg tcccgttacg 300
agggtttatt ccagcgcgag gtgtcagggc ggccaccggg gaacggggat cggtgacccc 360
ggtggggaag ggggaagatc gttcatatgg aaaaagcgg aggtgcggaa cggctgcatt 420
ttccacggag gctagtgcac agatgtcagg gttgaccggc tgctgtcgtt acgcccctcg 480
agcttcacat cacactgtac agagggagcg gtgaccaggg tctctgctgc cagcgcacc 540
tcgtccaggt tttcatagcg cacagggagt cgggcggatg cgcaacatct ccgcacaggg 600
tcaggaagcg gcggtcaggg accgagaaaa cagcccagtt acgtgaggca gtgtccgggg 660
cttaacgttt ccgccgagct aatagatttg ggaggtccg accctgattt tcacactagc 720
aggagggagg gcgctgggtc accctcctat gcagaagggc agccaagggt gcgcacttcc 780
ccatccccctg cctggagcct cacttcacgc ccagcctggg cccgcagacc accgcgggtg 840
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cccccgaaa aggggggaaa ttttgggggg gggggccaaa gggttgcttg taagggaccc 1020
ttggccttg gaagggggag gggggcccc tttggaacgg ggggggaaa aaattaaatt 1080
taaaccctcc ctggggggcc ccccccttc cctttgtaag ggggtaaaag ggaggggtgc 1140
ttcccccg caatttccca aaaacctttg gaaaaaacct ggcaagctct cccctggaaa 1200
ataaacatt ccagtaaaaa ttcttaaaaa acggttaatg ggttcgggt tatttttt 1258
```

<210> 7572

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(792)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (443)...(321)

<223> similar to gi4099277 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 7572
agcagcaagg agtacatttc ccaacacagg aaatgccggt ggctgttggc tctggcccca 60
gcctcttctc tgctcccgtt tttttcttg gattcctgga atccttgggg gtcagagact 120
cattcagaga gcaagactct ggtctctgcc ctgcttcagc acccaaactt ttagggagct 180
ggctggtggg ctgccaggca gttaggccta tggagagctg ctgtcagtct ctctaggagg 240
ccatggtttc ctgcatgttg gggagagccc catccccag actctggagt gagtttaatt 300
```

tcccaaggca	agtctgctg	attgtcctct	cctttcctta	ccttcagcac	caagaagttt	360
ccggtcccgg	tacagatcag	tgaggaagag	gctattgaca	agtgtggatt	tgcccaggcc	420
aaactctcct	gagaggagag	aggacagagg	caccaaataca	gaagggaccc	ttctctgggc	480
tgtctgatag	tctgcagaga	cacagctgct	tccgtgctct	aggagagagg	gactccttgg	540
agatctgac	tcactagtag	tcgtaattct	ttggatgggc	tcagtttgta	ctgcttcac	600
ctttgggtaa	gacaaaatcc	tacggggaac	tctgactcct	tgggggttct	ggaccttgg	660
tgggtgggtca	tcttctaaga	tttgtgattg	taagttattc	ttctgggtct	gaaaactcaa	720
ctgatgagta	gatttggcat	ctgggattga	tgaagcatga	tggcccgacc	tcggcgncct	780
gactttgctc	t					791

<210> 7573

<211> 1770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(774)

<223> similar to gi4929717 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7573

tcagatcgcc	cagagtggcg	cggtatcgcc	acttggagac	caccgcgaat	gaagtttgca	60
ttttcctctg	ttcttgagcc	cagcttcttc	tcgtctccca	ccccagcttc	ccggcattgg	120
aagaagggac	cgctctcttc	cttgtcttgg	ccacccaaat	cctgggtatcg	aaagggttga	180
acggaccgga	agtgtgcagc	agcgacgggt	ccccagctaa	tcgacgccgg	aagtagcaat	240
tactagacaa	gcattccgcc	gccggcttcg	ctatggcggc	aattccccca	gattcctggc	300
agccacccaa	cgtttacttg	gagaccagca	tgggaatcat	tgtgctggag	ctgtactgga	360
agcatgctcc	aaagacctgt	aagaactttg	ctgagttggc	tcgtcgaggt	tactacaatg	420
gcacaaaatt	ccacagaatt	atcaaagact	tcatgatcca	aggaggtgac	ccaacaggga	480
caggtcgagg	tgggtgcatct	atctatggca	aacaatttga	agatgaactt	catccagact	540
tgaattcac	gggggctgga	attctcgcaa	tggccaatgc	ggggccagat	accaatggca	600
gccagttctt	tgtgaccttc	gccccacccc	agtggcttga	cggcaaacac	accatttttg	660
gccgagtgtg	tcagggcata	ggaatggtga	atcgcgtagg	aatggtagaa	acaaactccc	720
aggaccgccc	tgtggacgac	gtgaagatca	ttaaggcata	cccttctggg	tagacttgct	780
accctcttga	gcagctcttc	tgagatggcc	ccagtgaacc	agcttctaga	tgacatagaa	840
tgacatgtaa	tgctaaaattc	attttggctt	tgcaagtcac	gaagcttagg	aggcctggca	900
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gtgcctagggt	tgccagagca	tttgcacaaa	tgccctgtt	tatcaatagg	tgactactta	1020
ctacacatga	accataatgc	tgcttcttgt	gcatgtctgc	tctgatatac	gtcgaacaat	1080
gtagcagcca	ctgtcatttc	tcagtgggtt	tgccaaacca	aacttcttcc	taaggagatt	1140
tatatctctg	cctacacagc	agtccttgat	ggctgacagc	cacagaattc	caaaccaagt	1200
agtgtctgtc	agccctctta	actctgtgca	cgccttattt	cagtctttta	catttgttct	1260
tctagggaat	gtatgcatct	ctatatatat	tttccctctc	aaaaccagaa	catcaacagt	1320
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aacacatcca	acaatcaagg	tttctaagaa	ggtgtcaagt	ggggaataat	aataatgtat	1440
aataatcaag	aaattagttt	attaaaagga	agcagaagca	ttgaccattt	tttcccagag	1500
aagaggagaa	atctgtagtg	agcaaaggac	agaccatgaa	tcctccttga	gaagtagtac	1560
tctcagaaag	gagaagcgcc	actcaagttc	ttttaacca	agactttaga	gaaattaggt	1620
ccaagatttt	tatatgttca	gttgtttatg	tataaaaata	actttctgga	ttttgtgggg	1680

aggagcagga	gaggaaggaa	gttaatacct	atgtaataca	tagaaaacttc	cacaataaaa	1740
tgccattgat	ggttgaaatt	aaaaaaaaaa				1770

<210> 7574

<211> 2061

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (66)...(1254)

<223> similar to gi2558891 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7574

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tcttgtcctt	cggcagcgtg	gccgctagtc	atatcgagga	tcaagcagaa	caattcttta	180
gaagtggcca	tacaaacaac	tgggctgttc	tgggtgtgtac	atcccgattc	tggtttaatt	240
atcgacatgt	tgtcaaatacc	ctttctgttt	atagaagtgt	caagaggcta	ggtattcctg	300
acagtcacat	tgtcctaata	cttgcagatg	atatggcctg	taatcctaga	aatcccaaac	360
cagctacagt	gtttagtcac	aagaatatgg	aactaaatgt	gtatggagat	gatgtggaag	420
tggattatag	aagttatgag	gtaactgtgg	agaatttttt	acgggtatta	actgggagga	480
tcccacctag	tactcctcgg	tcaaaacgtc	ttctttctga	tgacagaagc	aatattctaa	540
tttatatgac	agggcatggg	ggaaatggtt	tcttaaaatt	tcaagattct	gaagaaatta	600
ccaacataga	actcgcggat	gcttttgaac	aatgtggca	gaaaagacgc	tacaatgagc	660
tactgtttat	tattgatact	tgccaaggag	catccatgta	tgaacgattt	tattctccta	720
acataatggc	tctagctagt	agtcaagtgg	gagaagattc	actctcgcat	caacctgac	780
ctgcaattgg	agtccatctt	atggatagat	acacatttta	tgtcttggaa	tttttgggaag	840
aaattaaccc	agctagccaa	actaatatga	atgacctttt	tcagggtatgt	cccaaaagtc	900
tgtgtgtgtc	tactcctgga	catcgcaactg	atctttttca	gagggatcct	aaaaatgtac	960
tgataactga	tttcttttga	agtgtacgga	aagtggaaat	tacaacagag	actattaaat	1020
tgcaacagga	ttcagaaatc	atggaaagca	gctataagga	agaccagatg	gatgagaaac	1080
taatggaacc	tctgaaatat	gctgaacaac	ttcctgtagc	tcagataata	caccagaaac	1140
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tcatggtttt	cttcaaaact	tatggaatta	agcatatgaa	gttcattttt	tagagttgat	1260
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taaatatatt	ccagttttgt	attttgtgta	ttataaaagc	gaatgagaca	gagatcagaa	1500
tacattgact	gtttttgaaa	atagtaattt	ccccttatcc	ccttttcatt	tggaaaagaa	1560
acaattgtga	agacattaaa	ttctcactaa	cagaagtaac	tttggttaat	tattttttgt	1620
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atgtactatt	ttgtaatgtc	ttttttcatt	ttacaatgta	ttatcaacct	tttccctctc	1740
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gtcttctatt	gttggaccac	ttacattgta	ccaaatgttt	tcctttgggt	tattctttta	1860
tgtattaata	ttttactgct	ggtcactcat	ggaatcctgc	agctttaatt	aaaagcaaag	1920
atgaaaaaatt	ggttttttaa	tctatggcac	tgacaatctc	caggacctta	tatgtttgtt	1980
gtcagtttat	ttgggaaatt	ttagaccttt	gataatttca	cgtactgact	gctcaagaga	2040
aacatacccc	attgtttttc	a				2061

<210> 7575
 <211> 3446
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (456)...(1808)
 <223> similar to gi3881497 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7575

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catccgggcg	ggagagaggg	aggtctcgcg	ctttccccgg	ggttgcgctc	cgccccgcag	120
gctgcgcgca	ggcgctgacg	agccgctcgc	attctacgta	acggacggcg	gaggctacgt	180
gaagagaggg	gcggcggtgac	tgagctacgg	ttctggctgc	gtcctagagg	catccggggc	240
agtaaaaccg	ctgcgatcgc	ggaggcggcg	gccaggccga	gaggcaggcc	gggcaggggt	300
gtcggacgca	gggcgctggg	ccgggtttcg	gcttcggcca	cagctttttt	tctcaagggtg	360
caatgaaagc	cttcacact	ttctgtgttg	tccttctggt	gtttgggagt	gtctctgaag	420
ccaagtttga	tgattttgag	gatgaggagg	acatagtaga	gtatgatgat	aatgacttcg	480
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ctgaagatga	tgaagatgag	accactgtgg	agttggaagg	gcaggatgaa	aaccaagaag	600
gagattttga	agatgcagat	accaggagg	gagatactga	gagtgaacca	tatgatgatg	660
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taacgattgt	tgatgttcct	gcacacctcc	agaacagctg	ggagagttaa	tatctagaaa	780
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agaatgagca	catctataac	ctgtggtggt	ctggctcgagt	gtgctgtgag	ggcatgctta	1020
tccagctgag	gttcctcaag	agacaagact	tactgaatgt	cctggcccgg	atgatgaggc	1080
cagtgaagtga	tcaagtgcaa	ataaaagtaa	ccatgaatga	tgaagacatg	gatacctacg	1140
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ccatcctgtc	agagatggga	gaagtcacag	acggaatgat	ggatacaaag	atgggttcaact	1320
ttcttacaca	ctatgctgac	aagattgaat	ctgttcattt	ttcagaccag	ttctctggtc	1380
caaaaatttat	gcaagaggaa	ggtcagcctt	taaagctacc	tgacactaag	aggacactgt	1440
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agaaggagcg	aatcatgaat	gaggaagatc	ctgagaaaca	gcgcaggctg	gaggaggctg	1740
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ggcaactgag	aaatccttat	ttcatcatct	actctgtttg	gggtttgggg	ttttacagag	1980
attgaagata	cctggaaagg	gctctgtttc	aagaattttt	ttttccagat	aatcaaatta	2040
ttttgattat	tttataaaaag	gaatgatcta	tgaaatctgt	gtaggtttta	aatattttta	2100
aaattataat	acaaatcatc	agtgttttta	gtacttcagt	gtttaaagaa	ataccatgaa	2160
atztataggt	agataaccag	attgttgctt	tttgtttaaa	ccaagcagtt	gaaatggcta	2220

taaagactga	ctctaaacca	agattctgca	aataatgatt	ggaattgcac	aataaacatt	2280
gcttgatggt	ttcttgtagt	tctacattaa	acttgagaaa	aagtaaaaaat	tagaacactg	2340
tatgtagtaa	tgaaatttca	gggaccacga	acataatgta	gtatatgttt	ttaggtggga	2400
gatgctgata	acaaaattaa	taggaagtct	gtaggcatta	ggatactgac	atgtacatgg	2460
aaaattctag	ggacaggagc	atcatttttt	ccttacctga	taccacgaac	cagtgacaac	2520
gtgaatgctg	tattttaagt	ggttgtatgt	ttattttctt	gagtaacaaa	tgcatgaaaa	2580
attaatgctt	cacctaggta	agatcattgg	tctgtgtgaa	atcacaaatg	ttttttcctt	2640
cttggttgct	gcagcctggg	ggatgttcat	ggagaagctc	tgttctctat	attatggctg	2700
tgtgccgttg	cttctccctc	tgctttttat	ttttccacag	ttgaggctgg	gtatgttctt	2760
tcaaagaaat	ggccatgaat	atgtgtaagt	atacttttga	aaatgagctt	tcctaaacta	2820
ttgagagtgc	tttccacctc	ttgcggaacc	aactcttgga	ggagaggccc	atgtatctgc	2880
acgagcactt	agcttggtca	gatctctgca	ttttataaat	gcttcttacc	aagaaagcat	2940
ttttagggtca	ttgcttgtag	caggtaattt	ttgccgggga	tgggtaaggg	ttgggttttc	3000
tgggtgggagt	ggggtgggtg	gtattttttg	ttgatgcttt	agtgcaggcc	tgttctgagg	3060
caataacaag	ttgctgtgaa	aacagcatgt	gctgctgcct	ttgtaactgc	atggaaactt	3120
ttcacatggg	tttttctcca	agttaataca	gaaatatgta	aactgagaga	tgcaaagtga	3180
atatttttaa	cagttcatga	agttgttatt	aaaataacta	acataaaaact	taattacttt	3240
aatattatat	aattatagta	gtggccttgt	tttacaacc	tttaaattac	attttagaaa	3300
tcaaagttga	tagtcttagt	tatcttttga	gtaagaaaag	ctttcctaaa	gtcccatata	3360
tttgaccat	ggcagcta	tttgtaactt	aagcattcat	atgaactacc	tatggacatc	3420
tattaaagt	attgacaaaa	aaaaaa				3446

<210> 7576

<211> 2142

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (233)...(572)

<223> similar to gi5851944 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7576

agaggcctgc	gccacaccc	tctcctgtcc	agccttcgcc	cgcttgggca	gggcccggcg	60
ccgtccgtgg	atgagccaca	gaacctcttc	caccttcgca	gcggagagaa	gtttccattc	120
ctcttcttct	tcctcctcct	cttccacctc	ctcctcggcc	tcccgtgccc	tccggccca	180
ggacccgccc	atggagaagg	ccctgagcat	gttttccgat	gactttggca	gcttcatgcg	240
gccccactcg	gagccccctg	ccttcccagc	cgccccgggt	ggggcaggca	acatcaagac	300
cctaggagac	gcctatgagt	ttgcggtgga	cgtgagagac	ttctcacctg	aagacatcat	360
tgaccacc	tccaacaacc	acatcgaggt	gcgggctgag	aagctggcgg	ctgacggcac	420
cgcatgaac	aacttcgctc	acaagtgcc	gctgccggag	gacgtggacc	cgacgtcggt	480
gacctcggt	ctgcgggagg	acggcagcct	cactatccgg	gcacggcgtc	acccgcatac	540
agaacacgtc	cagcagacct	tccggacgga	gatcaaaatc	tgagtgcctc	tccttccct	600
ttccctgtcc	ccccgcccca	cgcttgccag	caaagcctcg	ctaaccat	tacaacagct	660
ccaggacatc	tcagcccagg	ttctagcccc	cacgcacccc	agaccccagg	tggaccatcc	720
tcccaaacta	gggccctcca	ctctatccag	ggcaggccag	ggactccctg	gcctgacaca	780
tgatgcccag	atttcagatt	tggcctccgt	cacttaatcc	agagtacagg	ggctggggtc	840
agggaaggaa	gatctaaaga	accactgtg	ggtcagggga	atgggaccag	caggacatat	900
gggcaagctc	tgcaggacag	acaggcagac	aaaccctctg	atctatgaag	tctctgcagg	960

gcaaggggac	cagggacctg	gaaccctctt	ggccaagggg	agtgggagag	acagagggaa	1020
ggtcacaggc	aaggggtgct	atctaagtgg	aactaattgc	ccgagggctc	agcaaggcca	1080
agaggagaca	gccgtgacgg	taaacttccc	ctctaccagc	ctccaagccc	cacgccagcg	1140
agcaggctgc	ctgcccaccc	cgtgccccca	gccagctggc	tgtgccaggg	cagagccatg	1200
ccacatctgt	atatagatgg	ggttttttcca	atacagctgg	ttcgtgataa	actgcatgaa	1260
actcctgccg	tcctgcgctt	gctggggcct	ccaggcaagg	ccaagtgggg	ttgggggtgg	1320
ggctggtcct	tctccctccc	acaggcctgt	gttcttgggg	ctgctcccat	gcagacagga	1380
tcacctaaca	gagatggaag	ccagggcctg	gatggggcct	tgggtcctcg	aggttggacc	1440
ccagcttctt	gccaccttcc	cctccgggca	gtcagctctc	catccatccc	cctctttaat	1500
ctatgaatct	ataggctcgg	tgtgtgtaac	acacacaccc	ctatcgttgt	ccttcaaata	1560
ctcagcatta	ccattgggtg	aggccaaatt	cagagctttc	tcaaatacaga	tttacaatct	1620
ccattttcat	taacggggaa	acatccccga	gccactgagt	gctgtgcttt	gtcactgaag	1680
gttagatctg	aacccagggt	gtcaacagct	gctctcaact	ccccacctct	gggcactgag	1740
gagtatttcc	cctcattcta	cctctctaag	gctatgcacc	cctccccacg	tcttccagct	1800
gggggatggg	gggagtcata	ggaaaagccc	ccatctccca	tctgggatat	ggaccttcca	1860
tcagccttaa	ccctgggaaa	tgcctgctgc	ccccagtgac	tcttggtttc	gtctcccaca	1920
tacagaagca	gggtggaggg	gaaggggtgg	tctcagttag	caggggtccc	cagggcaagt	1980
cagcctcctc	cctccatgcc	tctctggtca	gtgtgcctta	gggtggcctc	tcactcccac	2040
cactctgggc	cccttggggg	aggactgggg	agggggccgt	gggagagccc	tgacgtgga	2100
acctgtatac	acaataaag	acagtctcac	agaaaaaaaa	aa		2142

<210> 7577

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(646)

<223> similar to gi599691 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7577

caagatggcg	gtgctgtcag	ctcctggcct	gcgcggcttc	cggatccttg	gtctgcgctc	60
cagcgtgggc	ccggctgtgc	aggcacgagg	tgtccatcag	agcgtggcca	ccgatggccc	120
aagcagcacc	cagcctgccc	tgccaaaggc	cagagccgtg	gtccccaaac	ccagcagccg	180
gggcgagtat	gtggtggcca	agctggatga	cctcgtcaac	tgggcccgcg	ggagttctct	240
gtggcccatg	accttcggcc	tggcctgctg	cgccgtggag	atgatgcaca	tggcagcacc	300
ccgctacgac	atggaccgct	ttggcgtggg	cttccgcgcc	agcccgcgcc	agtccgacgt	360
catgatcgtg	gccggcacac	tcaccaacaa	gatggcccca	gcgcttcgca	aggtctacga	420
ccagatgccg	gagccgcgct	acgtggtctc	catggggagc	tgcgccaacg	gaggaggcta	480
ctaccactat	tcctactcgg	tggtaggggg	ctgcgaccgc	atcgtgcccg	tggacatcta	540
catcccaggc	tgcccaccta	cggccgaggc	cctgctctac	ggcatcctgc	agctgcagag	600
gaagatcaag	cgggagcgga	ggctgcagat	ctggtaccgc	aggtagcgcc	gccgcccgcg	660
ccgcccggag	ctgtcgcctg	cctgtcccca	gcctgcttgt	gtcccgtgag	gttgtcaata	720
aacctgacct	cgggctgccc	caaaaaaaaa	aa			752

<210> 7578
 <211> 1241
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (273)...(641)
 <223> similar to gi3877252 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7578

tccttcgagc	tactccgtct	ggccccgcct	tttctctgct	ctcctgaacc	tttaggcttg	60
tctcggccca	tttgaagacc	aggaagttga	tcaatcccga	ggctgctgag	agacggtggc	120
gcgattggga	cagtcgccag	ggatggctga	gcgtgaagat	gcagcgggtg	tccgggctgc	180
tctcctggac	gctgagcaga	gtcctgtggc	tctccggcct	ctctgagccg	ggagctgccc	240
ggcagccccg	gatcatggaa	gagaaagcgc	tagaggttta	tgatttgatt	agaactatcc	300
gggaccaga	aaagcccaat	actttagaag	aactggaagt	ggtctcggaa	agttgtgtgg	360
aagttcagga	gataaatgaa	gaagaatatc	tggttattat	caggttcacg	ccaacagtac	420
ctcattgctc	tttggcgact	cttattgggc	tgtgcttaag	agtaaaactt	cagcgatggt	480
taccatttaa	acataagttg	gaaatctaca	tttctgaagg	aaccactca	acagaagaag	540
acatcaataa	gcagataaat	gacaaagagc	gagtggcagc	tgcaatggaa	aaccccaact	600
tacgggaaat	tgtggaacag	tgtgtccttg	aacctgactg	atagctgttt	taagagccac	660
tggcctgtaa	ttgtttgata	tatttgttta	aactctttgt	ataatgtcag	agactcatgt	720
ttaatacata	ggtgatttgt	acctcagagc	atTTTTTaaa	ggattctttc	caagcgagat	780
ttaattataa	ggtagtacct	aatttgttca	atgtataaca	ttctcaggat	ttgtaacact	840
taaatagatca	gacagaataa	tattttctag	ttattatgtg	taagatgagt	tgctattttt	900
ctgatgccca	ttctgataca	aatacttttc	atgtccaata	tctactgtgc	ccaaatgtac	960
tcaatttaaa	taattacttt	gtaaaataaa	taagcagatg	attcttgtaa	aaaaaaaaaca	1020
cagctgggca	tggtggctca	tgccctgtaat	cccatcactt	tgggaggctg	aggtgggtgg	1080
atcacaaagt	caggagttca	agaccagcct	ggccaatatg	gtgaaaccct	gtctctacta	1140
aagggtgtaaa	aattagctgg	gcgtgggtggc	gggtgcctac	agtcccagct	gcgcaggagg	1200
ctgaggcagg	agaatcgctt	gaacccggga	ggtggaggct	g		1241

<210> 7579
 <211> 1481
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (134)...(985)
 <223> similar to gi3378447 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7579

cgacccacgc	gttcgcgcga	tgctggcgac	gctggcgagg	gtggcagctc	tgcgcaaaac	60
ctgcctcttc	tccggccggg	gcggcgggag	ggggctgtgg	actggccgcc	cgcagtcaga	120
tatgaacaat	ataaagccat	tggaaggggt	aaaaattctg	gatctaacaa	gagtcctggc	180
gggacctttt	gctactatga	atttaggaga	tcttgagca	gaagttataa	aagtggagag	240
accaggagct	ggtgatgata	cacgaacttg	ggggccacct	tttgttggga	cagaaagtac	300
atattatctc	agtgttaacc	gaaataaaaa	aagtattgct	gttaatatca	aggatccaaa	360
aggggtgaaa	atcatcaaag	agcttgccgc	tgtttgat	gtgttggtgg	aaaactatgt	420
ccctggcaaa	ctgtctgcaa	tgggcctggg	atatgaagat	atagacgaga	ttgctcctca	480
catcatctat	tgttccatca	cagggtatgg	tcagacaggt	ccaatttctc	agcgagctgg	540
ttatgatgct	gttgccctcg	ctgtttctgg	tctgatgcac	atcacagggc	ctgaggtggc	600
gtgtttgtct	cacatagctg	caaattatct	tattggtcaa	aaggaagcaa	aacgttgggg	660
tacagctcat	ggcagtatcg	ttccttacca	ggcttttaaa	accaaggatg	gctatattgt	720
agttggagca	ggaaataaacc	agcagtttgc	caccgtctgc	aagatcttgg	atttgctga	780
gttgattgat	aattccaagt	ataaaactaa	ccaccttcgg	gtacacaata	gaaaagagct	840
tattaaaata	ttatctgaac	ggtttgaaga	agaactgacc	agcaagtggg	tatatctttt	900
tgaaggcagt	ggagtcccgt	atggcccaat	caacaacatg	aagaatgtat	ttgcagaacc	960
tcagggtatta	cacaatggcc	tcgttatgga	gatggagcat	ccaactgtgg	ggaagatttc	1020
cgtcccaggc	ccagctgtga	gatacagtaa	gttcaagatg	tcagaggcca	ggccgcccc	1080
gctgctcggg	cagcacacaa	cgcacatcct	gaaggaggtc	ctgagatacg	atgacagggc	1140
catcggggag	ctgctcagcg	ctggagtggg	ggaccaacat	gaaactcact	gacaaaggaa	1200
aagggtctct	cctcataacc	tcgatccgaa	tacactggca	aaggcaacac	tttgcttgga	1260
cccttctccc	cagttctgat	accactaaaa	agaagattta	gagtaactcc	agatttctta	1320
catggcatct	ccagaatggc	tctggtatta	atgaatctag	tgctttttaa	atgtatccca	1380
cgttttggtc	cctaccatct	tttttttcag	atgatgattt	cattatggat	ttgtgggatt	1440
tttaaaaata	aagttttaat	ttttttcctg	gaaaaaaaaa	a		1481

<210> 7580

<211> 2303

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2304)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (107)...(865)

<223> similar to gi3881134 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7580

catcggaacc	gccccggaat	ccgggtcgac	ccacgcgtcc	gggctggctt	ctgcgtgggtg	60
cagctgcgca	cgtgtttcag	ccggcagcgc	tttaagattt	ccgggggatgg	aatccgaaat	120
ggaaacgcag	agcgcggggg	cagaggaggg	ctttaccag	gtcaccgcga	aggggtggccg	180
acgggccaag	aaacgacagg	ctgaacagct	gtccgcagca	ggagagggcg	gggatgcggg	240
ccgcatggac	acagaggagg	ccaggccggc	gaagaggccc	gtcttccac	ccctctgtgg	300
ggacgggctc	ctgagtggga	aagaagaaac	aaggaaaatt	ccagtcccag	ctaacagata	360
cacaccattg	aaagaaaact	ggatgaagat	atttactcct	attgtggaac	atttgggact	420

tcagatacgc	tttaacttga	aatcaaggaa	tgtagaaatc	aggacttgta	aagaaaccaa	480
ggatgttagt	gctctgacaa	aagcagctga	ttttgtgaaa	gcttttattc	tcggccttca	540
ggtggaggat	gcacttgccc	tcatcagggt	ggatgacctc	ttcctagagt	cttttgaaat	600
tacagatggt	aaacccctaa	agggagacca	tctatccagg	gcaataggaa	gaatcgctgg	660
caaaggagga	aaaaccaa	tcacataga	gaatgtgaca	cggacaagga	tagttttggc	720
tgatgtgaaa	gttcacatcc	ttggctcctt	ccaaaatata	aagatggcaa	gaactgccat	780
ttgcaacctt	atcttgggaa	atcctccttc	caagggttat	ggcaatattc	gagctgtggc	840
tagcagatca	gcagatcgat	tctgatttca	agtcagagac	tttttatctt	gcctttggac	900
tctggtgaaa	aatactttac	agtggtcggt	cacaagaaac	catctgaaca	atttcagtca	960
tttgaagcct	cgcctccctt	ttccattctc	agccagaagc	ataaacagaa	aagaaagatt	1020
taagaggatt	cacactcaac	aggttttagg	ataattttaa	tatcaaaaat	tgattgttat	1080
acttacacat	taggtataat	ttatcattta	tctgaaatca	catgtagcag	attgcatagt	1140
ctgtaatcct	ctcagagggg	aacttcttgt	ttaaacagct	ctatatggat	ttatactttt	1200
atattttata	attttataat	tcatacaaat	ttataaacat	ttctttataa	attgtaat	1260
aatagattat	ctcagaaaaa	cctctctgaa	tgatgacctc	tccttaatac	tgggtgatgt	1320
gtgaatat	gtttgttggc	agacagggtc	tcactttgtc	accaggcta	gagtgcagt	1380
gtgcaatctc	agctcactgc	agcctctgcc	tcctgagttc	aagtgatcct	cctgcttcag	1440
cctccctagt	agctgggact	acagggtatg	accaccatgc	ctggctaatt	ttttgtattt	1500
tttgtagaga	tgggggttct	ccatgttgac	caggctggtc	ttgaactcct	ggccctcaag	1560
ggatccgtcc	gcctcagcct	cccaaagtgc	tgggattaca	ggcataagcc	actgcgcctg	1620
gccttgatgt	gtgaatat	gagagggtcat	aagcagtggt	tttggccaat	ncccgattta	1680
tacccatata	catcagtaag	agctcatctt	ggaacctgtt	ttgcagtttc	ttgcagtttc	1740
aaaaattaaa	gacctacatc	acagggttaa	tgtgaagaaa	gctttatttt	tcaaatgagt	1800
atttaatgaa	agtatacata	accaatgttg	ggtatacaga	tgtctctcaa	cttatgatgg	1860
gttttaggtc	agataagccc	actgtgagtt	gaaaatacca	aaagtcaaac	atcatagctt	1920
agcctacctt	aaaagggtc	cgaacactac	attagcctac	agttgggcaa	aatcgtctaa	1980
tacaaagcct	attttataat	aaagtatgtt	gaataatctca	tgtaat	gaagattaca	2040
ttgaaagtga	aaaacagaat	ggttgggtac	ttgaaataca	gcttctactg	aatgaataat	2100
tctaaagtgt	aaaaataata	gtaagaccca	tcataagtct	gtttcttcta	gtaaagggtga	2160
aatgatgaaa	gaatgctttt	ttcccaccca	aaaaactatg	ctctataaat	gcagattagc	2220
tagtttctgc	ctgttttaaat	ggtattattt	tatacattac	aaaatggaag	gaacttactt	2280
tattaaactt	aactttgata	aaa				2303

<210> 7581

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (429)...(600)

<223> similar to gi4895081 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7581

tttcgtcaca	aatataaaaa	ttgtagatga	atttacttat	tatactgaca	caattatcct	60
aaataaaa	ttccaaacag	attctagcac	agattaaaaa	acacccatta	agatcaaggg	120
gtttttttt	ttttttttt	ctagaaaacc	ctttggaagt	tcatgatatt	ttgaatttca	180
atggatattt	cctgggaata	atgagttcaa	atgaacgaat	atgtggaaca	aagcatcacc	240
cacatttatt	ttttcaggat	gaggggatgg	acaaaaccat	cacagggaaa	ttgaggcaaa	300

tagtacatgt	aaaacaatac	ttcgggtgag	tccacctatc	ccaaagtcgt	atcaaagaag	360
tggtctgcaga	ttggagccca	aagccttttg	ttcctcagtt	tccaaatgga	ttctcactag	420
gtgggatacat	gagtttgctt	tggacacccc	aaattctaac	tatttctttt	gtttcttaca	480
tcctttccct	cttccccagc	cccttccctt	catgttacac	ctcttgctgg	tttgagacgt	540
caatcaccac	tgagaaagaa	ttaaaccagt	attttgagct	ggcaaaattc	ttagcctagt	600
acaattcctt	caattaaact	gtagctcaac	aatgtgttct	ctaaaagtat	gatttaatat	660
tctacctaga	aactcagaat	atttttcata	actcctccag	ggcagtgtgg	attatgttga	720
tgtgttagga	gaaagtagaa	g				741

<210> 7582
 <211> 2459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2460)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (11)...(919)
 <223> similar to gi1039318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	7582					
tgggacagcc	atgggtttcag	acgaagatga	attgaatctt	ctgggttattg	tagttgatgc	60
caacccaatt	tggtggggaa	agcaagcatt	aaaggaatct	cagttcactt	tatccaaatg	120
catagatgcc	gtgatggtgc	tgggaaattc	gcattttatc	atgaatcggt	ccaacaaact	180
tgctgtgata	gcaagtcaca	ttcaagaaag	ccgattctta	tatcctggaa	agaatggcag	240
acttgagac	ttcttcggag	accctggcaa	ccctcctgaa	tttaatccct	ctgggagtaa	300
agatggaaaa	tacgaacttt	taacctcagc	aatgaagtt	attggtgaag	agattaaaga	360
tctaatagac	aaaagtgaca	taaaggttca	acatacagaa	actttgctgg	caggatccct	420
ggccaaagcc	ctttgctaca	ttcatagaat	gaacaaggaa	gttaaagaca	atcaggaaat	480
gaaatcaagg	atattggtga	ttaaggctgc	agaagacagt	gcgttgcagt	atatgaactt	540
catgaatgtc	atctttgcag	cacagaaaca	gaatattttg	attgatgcct	gtgtttttaga	600
ctccgactca	gggtcctctc	aacaggcttg	tgacatcacg	ggaggactgt	acctgaaggt	660
gcctcagatg	ccttctcttc	tgcagtattt	gctgtgggtg	tttcttcccg	atcaagatca	720
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<210> 7583

<211> 4540

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4188)...(2606)

<223> similar to gi598958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7583

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gaaaaatata	agactgtttt	tccacaatat	ttaatttata	cactactgta	actatatgca	360
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<210> 7584
 <211> 2332
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2001)...(305)
 <223> similar to gi5853113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7584

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ggaaacaagg	gacctccag	gtggaagggt	attttttaat	aaaaaaaata	atggagctac	180
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ctgtcccca	gtgaggcggc	gggagaggcc	agccagggcc	aggccccagt	tcaggggccac	2220
cccctactac	ccccgtgcag	cccccccggtg	ggcccggctg	cagcttttagc	cgcagccggt	2280

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2332

<210> 7585

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (306)...(586)

<223> similar to gi32036 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7585

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gagcatgacg	tcctctctac	catggaaatt	ccactcactc	tcctgtgccc	ccacatttgt	180
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ctgggttctg	aagcttctga	gttctgcagc	ctcacctctg	agaaaacctc	ttttccacca	300
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ctccagcgtc	ctcagcacca	atgggctcag	accctcccac	cgccctgctgc	ttttcttaca	420
ccgcgaggaa	gcttctctgc	aactttgtgg	tagattacta	tgagaccagc	agcctctgct	480
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cccctatggg	gatgggtccac	tgtcactgtt	tctctgctgt	tgcaaataca	tggataacac	840
atttgattct	gtgtgttttc	ataataaaac	tttaaataaa	aatgcaaaaa	aaaaa	895

<210> 7586

<211> 1591

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (199)...(1472)

<223> similar to gi4098124 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7586

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accggcgccg	cttcctggcc	ttgggagggg	gttcctttct	taaccacaa	gaacctctcc	180
caagagaact	tggtcctgat	gtctgaccat	ggagatgtga	gcctcccgcc	cgaagaccgg	240
gtgagggctc	tctcccagct	gggtagtgcg	gtagagggtga	atgaagacat	tccaccccgt	300
cggctacttc	gctctggagt	tgagattatc	cgaatggcat	ccattttactc	tgaggaaggc	360
aacattgaac	atgccttcat	cctctataac	aagtatatca	cgctctttat	tgagaaacta	420
ccaaaacatc	gagattacaa	atctgctgtc	attcctgaaa	agaaagacac	agtaaagaaa	480
ttaaaggaga	ttgcatttcc	caaagcagaa	gagctgaagg	cagagctggt	aaaacgatat	540
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caacaaaacc	atatcagtg	actgtagccc	cttaatttaa	gctttctaga	aagcttttga	1560
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<210> 7587

<211> 2506

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (550)...(147)

<223> similar to gi5002587 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7587

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ccagggacag	ggaggctcct	ctatcagggt	ttgaggcg	ttgagcgccg	aggtagtggg	180
ggctgggagg	gtcgagccgt	caccttgctg	gggtgtttgt	cctgggtggt	gggctgggag	240
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<210> 7588

<211> 2061

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (414)...(1620)

<223> similar to gi1552328 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7588

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tttttttctt	gctccgcct	ctgttcttcc	cccacctgcc	acgtacagag	cccaagttct	180
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cggcggtcgc	gaagggcaac	cgagggggcc	gtgaccaccg	cctccccgcg	acgccccagt	300
ccagtggcct	cgcgtccgcc	cattcagcgg	agacctgcgg	agaggcggcg	gccgcggcct	360

ccgcaagccg	tcttttctcta	gagttgtata	tatagaacat	cctggagtc	accatgaacg	420
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gaattcctat	tcataatgaa	gatattactt	atgatgaatt	agtgcataatg	atgcaacgag	540
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tactgaaact	gacattat	gttaatggcc	agccaagacc	ccttgaatca	agtcaggtga	720
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<210> 7589

<211> 4874

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (317)...(3484)

<223> similar to gi4589654 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7589

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gcaagagaaa	gttcatgagc	ttgaaaaaca	aatgacacc	ctcaaaaaaca	gactgatttc	180
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gaaaggata	aaattccaag	atgcagatgt	agcagaaact	ccacatccca	tgtttacaaa	360
atatggcaac	agtttacttg	aagaagccag	aggagaaata	agaaatttag	aaaacgttat	420
tcagtcacaa	agaggccaga	tagaggagtt	agagcacttg	gctgagatcc	tgaaaactca	480

gttgaggaga	aaagaaaatg	aaattgagtt	atctcttctt	cagcttcgag	aacagcaagc	540
tacagatcaa	aggtcaaata	ttcgggacaa	tgtagaaatg	attaagcttc	ataaacagct	600
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gcaaagaact	ctcaaaatca	gccacgatgc	tttgatggca	aatggggatg	aattaaacat	720
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<210> 7590

<211> 1848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (590)...(299)

<223> similar to gil825591 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7590

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gaccagaagg	ctactcagcc	ttgctgccac	atgaagggga	tttgtagggg	caagcctggc	1080
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<210> 7591

<211> 2737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(2166)

<223> similar to gi4530435 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7591

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gagttcccg	ctctccgcag	ggaagcctcc	tcttcgtacc	tcgttttttg	gctcgtgggg	180
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ccagggttcg	ggctccgagg	aggaggaggc	ggcggggacc	gagggggacg	cgcaggagt	420
gccgggcgcc	gggtccagcg	cagaccagga	cgacgaggaa	ggagtggtaa	aatttcagcc	480
ttccctttgg	ccttgggact	cagtgaggaa	caatttgaga	agtgcctga	cagagatgtg	540
tgttctctat	gatgttctca	gtattgttag	ggataaaaaa	tttatgactc	ttgatcctgt	600
ctctcaggat	gcacttcctc	caaaacagaa	tcctcagacg	ttgcaattga	tatctaaaaa	660
gaagtcactt	gctggagcag	cacaaatctt	attgaagggg	gcagaaagac	tgactaaatc	720
agttaccgaa	aaccaagaaa	acaagctaca	aagagacttc	aattctgagc	ttttgcgatt	780
acggcaacac	tggaaacttc	gaaaagttgg	agataaaatt	ctcggagatc	tgagctacag	840
aagtgcagga	tctctctttc	ctcatcatgg	tacatttgaa	gtaataaaga	atacagatct	900
cgatctggat	aaaaagatac	ctgaagatta	ctgtcctctt	gatgtccaaa	ttcctagtga	960
tttagagggg	tctgcatata	tcaaggtttc	aatacaaaaa	caggctccag	atataggtga	1020
cctcggcaca	gttaacctct	tcaaacgacc	tttgcccaaa	tccaaaccag	gttccccaca	1080
ttggcagaca	aaattagaag	cggcacagaa	tgttctctta	tgtaaagaaa	tttttgca	1140
gctctctcgg	gaagctgttc	aaattaaatc	acaagtcctc	cacattgtgg	tgaaaaacca	1200
gattatctct	cagccctttc	cgagcttgca	gttatctatt	tctttgtgcc	attcctcaaa	1260
tgataagaaa	tcccaaaaat	ttgctactga	gaagcaatgt	ccggaggacc	acctttatgt	1320
cctagagcat	aatttgcac	tactgattag	agagtttcat	aaacagacct	tgagttccat	1380
catgatgcct	catccagcaa	gtgcaccttt	tggccacaag	agaatgagac	tttcgggtcc	1440
tcaagctttt	gataaaaatg	aaattaattc	attacagtcc	agtgaagggc	ttctggaaaa	1500
aataattaaa	caagcaaagc	atatttttct	aaggagtaga	gctgctgcaa	ccattgacag	1560

cttagcaagc	cgaattgagg	atcctcagat	acaggctcat	tgggtcaaata	tcaatgatgt	1620
ttatgaatct	agtgtgaaag	ttttaatcac	atcacaaggc	tatgaacaaa	tatgcaagtc	1680
cattcaactg	caattgaata	ttggagttga	gcagattcga	gttgtacata	gagatggaag	1740
agtaattaca	ctgtcttata	aggagcagga	gctacaggat	tttcttctgt	ctcagatgtc	1800
acagcaccag	gtacatgcag	ttcagcaact	cgccaagggt	atgggctggc	aagtactgag	1860
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caagattatg	gttcagtttc	ctcgtaacca	atgtaaagac	cttccaaaaa	gtgatgtttt	2040
acaagataac	aaatggagtc	atcttcgtgg	gccattcaaa	gaagttcagt	ggaataaaaat	2100
ggaaggctga	aattttgttt	ataaaatgga	gctgcttatg	tctgcactta	gcccttgtct	2160
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tgcagatcaa	ctataagcac	aaagaagaga	taacttccaa	aagagtgctg	tttttaaaaa	2280
taataattag	gaaatgttta	tttagcactt	tcaaactttt	cactttataa	atgacaagtg	2340
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attccttctt	tgatgttgac	atcaaataaa	gtatgtgggt	taaaaaaatc	tccaaataacc	2520
tttttttccc	cccaaatact	ttctaaactt	ttttttttga	gatgggtatct	cactctgtag	2580
cccagtcctg	agtgcagtg	tgtgatcatg	gttcactgca	gtcttgacct	cccaggctta	2640
gggtgatcctt	ctgtctcagc	cttccgagta	gctgggacca	caggcatgca	caaccacggc	2700
tggctaattt	ttgtattttt	tataaagaca	gggtttt			2737

<210> 7592

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (81)...(495)

<223> similar to gil491803 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7592

actaggcggc	acccgagccc	tgagggtccc	agccccgcgc	tccgcgtccc	cgggacagca	60
tggagcgcgc	ggagcccag	ctgatccggc	agagctggcg	ggcagtgagc	cgcagcccgc	120
tggagcacgg	caccgtcctg	tttgccaggc	tgtttgccct	ggagcctgac	ctgctgcccc	180
tcttccagta	caactgccgc	cagttctcca	gcccagagga	ctgtctctcc	tcgcctgagt	240
tcttggaaca	catcaggaag	gtgatgctcg	tgattgatgc	tgcagtgacc	aatgtggaag	300
acctgtcttc	actggaggag	taccttgcca	gcctgggcag	gaagcaccgg	gcagtgggtg	360
tgaagctcag	ctccttctcg	acagtgggtg	agtctctgct	ctacatgctg	gagaagtgtc	420
tgggccttgc	cttcacacca	gccacacggg	ctgcctggag	ccaactctac	ggggccgtag	480
tgcaggccat	gagtcgaggc	tgggatggcg	agtaagaggc	gaccccgccc	ggcagccccc	540
atccatctgt	gtctgtctgt	tggcctgtat	ctgttgtagc	ccaggctccc	caagcttccc	600
tgcactcttg	tccttgtccc	cttggccaca	ctggagagg			639

<210> 7593

<211> 1628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1332)...(679)
 <223> similar to gill107698 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7593

tttttttttt	ttaaaaatat	cttcaataat	aagacatcct	atTTTTgggg	ggttagggat	60
agagataaat	atgaaaactt	ttttttgata	aaacacctag	taaggacatg	tttccagggt	120
taaagttcat	gaacatataa	aacagaaatt	gggtcctgcc	accttgagtg	caggattctg	180
aggtcctaaa	tctggttctg	aggttctgtg	tttgattctg	gggtacagac	agctcaagta	240
ggaggtctcc	ttatgtcaca	aaactacacg	atgcggaggt	tctgttcccc	accaaaggct	300
tgtctggggc	ccattggctg	cctggggagg	aggccccagc	gaggctcatg	ggtccagcat	360
ggctcctggg	gggacccta	ctctcaccac	gcaagagccc	ccagccagga	gactggggcc	420
agccagctgc	ggccgatga	gggggcttct	ggcccgccct	gcacctggag	gcccgccttg	480
cacctggagt	tcctgcttgg	ccacgggtgg	gcagaccag	gagacacagc	actccccact	540
gggtctagga	ccgtctccgc	gggtggggac	cccagccggc	caggcatgtg	ccctgacagc	600
cctgccgaca	acaacacctg	aagggaaccc	agagtccggc	gtaggaggcg	gcggggctctg	660
tgctgctggg	gggcggccta	ggcctcggag	gaggactgtg	atggcccttg	cagcagcagg	720
gcacggtagg	tgggagagct	gaggaagcgg	gggtaggagt	cccgggtgat	gagcgtgtag	780
atctgcagct	gcgcgtcgtc	gaacgttgtt	gcggacggct	cctgcatctt	cttggtgatg	840
ccctcccga	cacgggagtc	caggctcacc	tccttggggg	acaggatgga	tacgtagtcc	900
tcgtagatga	gcctcgcctt	ctcgtctacc	acatgctggg	tggcctcggc	cttcagctcc	960
tcgcaggcca	accagaagag	catgttctcc	tcgctgtact	ctgtccgcag	gaacgcccgg	1020
aacacgctgc	gtcccgtctg	gctgtgcatc	agcttgtcaa	aagactgcgc	ccagctctgc	1080
acctcctcag	gacttggtgt	ggcacatact	tcacagctgg	ggaggggctg	cagcttgctc	1140
tcccgggagg	cctgccacgc	gcgcgcgcgc	tcttggttcc	aggagcagct	acagcagcag	1200
caccagcaca	ggcagcaggg	gttgccggctg	ggggccgctg	gagaggctgt	atcatgactg	1260
gacattgaag	ggggccggctc	cgctcctctt	ggccctgtga	tctgcttctc	agcctcatgc	1320
gggggtgggca	tgggtgggctg	gaggaggttg	cccaggctcc	gtggtaccag	ctctcagacc	1380
ctcaccacag	cctgggggtc	agcgacccaa	aggcgggggtg	ggggcaggag	gggccagggt	1440
gggtctgggc	cccaccctgg	ctgccgaagg	ggcgtgcact	gcagcagcag	ggactcaagt	1500
cagacggcag	gagggactcc	tgcggcgtc	tggagggagg	ctagcgccag	gagccccga	1560
tcggctgggg	ccggggggcgc	agcgcctccc	ctacagctcg	aagggtgtag	tggtgcccc	1620
tagtgcca						1628

<210> 7594
 <211> 2090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (184)...(270)
 <223> similar to gil70454 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7594
agcctgacct gatacgccag cttggcacga gggggccacc tcctgcagct ccccaaataga 60
ctgaggcaga aagcccttgg ggagcctaga aagcaaagct aaaggggatg caggggtctgt 120
ctgtctgtct gtcttttcagt ctgaggaatg agaatcctga cctgaggggt gtgcagctga 180
gagcccacta cctccccagc cctctcggc cccagccgca tcatcccacc tgtcccctcc 240
ccccacctc cagtggggct ttctccagat gtcttatggg tgggggttcc ctgatgggcc 300
aggagaggag ggcattctct tgcgacagca ctgtctgggt taagtgccca gtgagggcat 360
gggtgtggga gctggcctca gaggagccgc tgggtgggcaa gcgtgaagtg ggctgagggg 420
ctctgagcca ctttgcctcc atctagggga ctgcccccca tggaaactct ttgaagtcac 480
agcagccttc ctttctgttt gctcttgggg ctgagaggtg gctcaaacac tcgggggtccc 540
tatggctctg ggtcaatcta ggccaggctg caccctatgg acagggagtc tcaggggtcc 600
tgatcatgcc caggccctgg cctggggcct cctccttgg cagctttccc acccccacgc 660
ccctggcatc ctcatgtgct atgggatgcc cctccagggc accagctcag ggctaagcga 720
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aggtcctgtt cacagcagca ggagtgaagg cctggccatc ggtggagagg gcagctgtca 840
gagggctggg ggccagggca caggattgaa gagtttcaca tatcatcaca gcatacactg 900
ggaatttggt gggggcagaa gaaccaggg ccactccctc aatatgaagg gaaaccaagc 960
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tggctggcct tatccacca tgggtcacgt cggttcccag gggcagcatg ggagatcttt 1140
gggggcaaca gggagagtct ggggtggggag acgggacttg tccaagcaga aggcaggacc 1200
ctgggaaatg cataatgtaa ggacatcaat aatagtatta ttttttttgt aagggaaaat 1260
caatatgtac attctgaaat cattttctct gtaaatggtt ggatttcatt tcacccttaa 1320
agggatgctt aaaggagaag ataattattaa taataaaaac agctacaaag tcaaaaaaaa 1380
aaaaaagggg gggccctttt aaaagaacca attttaaaac cggggggtgg gaaagtaaaa 1440
atttttttaa tggggcccca aaattaaatt ccggggccgg ggtttaaaaa cgggggaagg 1500
ggaaaaaccc gggggtaccc caattaaacc cctttagcaa aaatctgaga agcaatgcag 1560
cccgagctt aacttcaaca tgcttttaaa cttttttccc attctcttga gtttcaagat 1620
ataaccttga ggaaactcaa aatcctttct ccttagcctt aaaatagact ccacgtccct 1680
cccccttctc accagatatg ctcccttttc atttatctaa ctgtatgcta ctatttaatt 1740
gtgtgatgtc ttagaagttt cagtggctaa tcttgagaca gaccaagcct ggagaccag 1800
ctgcaaacct ccaaaaatta cttcaaaatg gctaattaac aacctgacca ttgttaaaat 1860
aatgtcaatc cgaggctcag gtggactgaa gcccaagata gccaccagaa caaaacacac 1920
agacatcata ctacgcccct ttcttgcag ccttccttat caagtcttcc cttttaaaaa 1980
ccctaaaaat tgctttcccc tctaaaaatt gaagcagtta ctttaaatag caatctggct 2040
acttccccct ttactagtgt tgggtaataa atttgccttt tattactaga 2090

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<210> 7595

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1198)...(520)

<223> similar to gi452658 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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<400> 7595
tttttttttt ttccgcataa ctctttttaat aaataaagca tattcatggc ttagatttta 60
aatcacattt acagatgagg gaaaacttct aggcctaaac aggtaacagt aaagcgacta 120
ctgctggaag gagtgggtgt ccacatgcgc cttaagcctc aagagtgggg actgcagggc 180
caaacaccaa atacatcacc tttaggccag acggagagtg gagaccagg aagcccatgc 240
aaccaccatc tgccccctcc cctagtgtct cagaaccggc tggacactgt cacactttca 300
gaagaactgg aggtgggtcc tgatcatatt acatgaagct ttccaccatt gtgaacaatt 360
aggcaaggca tgagtgcag aggggcatcg ctgataaata cagagcaata ctggggcagt 420
gaagaggaag ctacagagac attcgtgttt cttcaaatat cagaagcttc cacatcacag 480
caggagagct gacgacgagc tccacctcct gaaggcttag tccaaaaact tcctgttggc 540
at ttgcacca aacaaggctc cccggacttc tggcatcatc tgctgggcta tgagatccag 600
ccggctttcc aggtgtgttg aaacctttat tttagcatct ccattataga tctcaactcc 660
accagctatg tcttcaggca ggtaggactc ctggtcaatt tggacatcaa catcggtttt 720
ggtggcaatt ttgtacatag gaattgcctt ctgcaactgca gcctttacca gagggaaatc 780
ttgtttcctg caacgaacaa tcattcgggg ctccagcaac tggtaacaa cctgggagaa 840
cagtcacatc agcagcactt ggtacctggt tgtatctttt accaccttgc tgagtctctg 900
ttttgcttca tttagtaggt ctgtgataag gtcactctct gctctgagga ctttgagtct 960
cgcttgatcc atcaaattgg acatctgaat tttcttctgc tgcctaatct gtttctcttt 1020
cttctcataa tattccataa tctttagtct ttgggtttgc acaagccgac ctttctctat 1080
gttgaactct tcttctgcct ttgcacttat ttcttctgct ttctcattgg cttcttgctt 1140
aatgaaagcc atcatatgct ttatctgctt ttgcacgtca gcctcgtga gagccatggc 1200
gagagcaatg ctaggccggt gaacagtagg ctcgagttta ggtttgaaag gtgaggtgag 1260
agaaatcggc aaagggaacc cctgcgcaga tctcgggttc ctttacttta taaccgctgg 1320
ttccggttcc tgcca 1335

```

```

<210> 7596
<211> 2832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (86)...(707)
<223> similar to gi515041 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7596
ccaccgctcc gaattcccgg gtcgacgatt tcgttgagag gcgcacccgg gcggccagct 60
gggctcggag cggaacgggg tcaggatgga cgaggacgtg ctaaccaccc tgaagatcct 120
catcatcggc gagagtgggg tgggcaagtc cagcctgtct ttgaggttca cagatgatac 180
gtttgatcca gaacttgacg caacaatagg tgttgacttt aaggtgaaaa caatttcagt 240
ggatggaaat aaggctaaac ttgcaatatg ggatactgct ggtcaagaga ggtttagaac 300
attaactccc agctattata gaggtgcaca ggggtgttata ttagtttatg atgtcacaag 360
aagagataca tttgttaaac tggataattg gttaaataaa ttggaaacat actgtacaag 420
aatgacata gtaaaccatgc tagttggaaa taaaatcgat aaggaaaatc gtgaagtcca 480
tagaaatgaa ggcctgaaat ttgcacgaaa gcattccatg ttatttatag aggcaagtgc 540
aaaaacctgt gatggtgtac aatgtgcctt tgaagaactt gttgaaaaga tcattcagac 600
ccctggactg tgggaaagtg agaaccagaa taaaggagtc aaactgtcac acagggaaga 660

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aggccaagga	ggaggagcct	gtggtggtta	ttgctctgtg	ttataaactc	tgggaaattc	720
catctcttgc	atatttgatc	agatagtgac	atctttctgt	atataaactc	tttaactgct	780
attttaggga	ccttgcagtt	tgcacataat	tgttttatat	catagcagta	aatatttgca	840
agaaatccca	ctcatcgacc	ccgggtaaaa	tgttatggta	agcatgcaca	gtttgcagtc	900
tacagttttt	ttatgtagca	caaaataggt	gtacctttat	aagtacattc	aattttatga	960
tttacattta	tcatgtaatt	tttaaaaaaa	tccatctatc	taggatatgt	tgatacaaag	1020
tctgcttttg	ctattctttt	tgcttaaata	ctcctatcat	tttctgaatt	acttggattt	1080
tagaactcct	agcaccacgg	ggaagaatag	aggtatcatc	aaacgtggca	aattttcttt	1140
caggaataat	aaagagcatg	attccacagc	ttttctggga	tgtttgagat	tcttttttag	1200
tactaagcaa	aattctcatc	acagaatgta	gccaggcca	atttataact	aaatctctat	1260
ttgttcggat	gatgcttcta	aaacagcatt	gatagggttaa	agaagcttgg	tatttttaat	1320
ttacttcaat	gattagctca	gttgcttaac	tggagtttta	atcctgtgat	atgtacattg	1380
gattcatgac	tgtgcagcat	ttttagttat	gtggtgtttg	gcagaatgac	aataaggttt	1440
tccccatttt	tggtttcagg	aggacatgaa	tagtgtgttt	attgtaactc	ctcatacact	1500
tttaaaacca	acatcttttt	tcataaatgt	tggtagtggt	tgtccaggta	ccttaactgt	1560
agcttgtgta	atgttgatga	atatctgtat	cttacggctt	ccataatggc	tagttgatat	1620
tcaaaaacct	atttctgtgt	tttgaggggt	ggggaaaaaa	aacactaagt	gataatttga	1680
aaaaggcata	ttgcttccag	attctgatgt	gtgagggaaa	atactgtcac	aatgaaaatc	1740
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aaaaacctca	cattctactt	gatttacact	tcctagtcta	cattacatgt	ggttgaaggt	2160
tttatacatt	ctatatgctt	ttactaaata	tacaagattt	actactagaa	atttggagaa	2220
agaacactaa	cacatgtact	tgtgatttgt	tcatgttata	ttaaaacttg	agatttgtgt	2280
atztatgtag	agtctgtatt	gacaagactg	ttgttttttg	ctccttgagc	tatataataa	2340
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atataacaaa	aatgaatttt	gtttgataga	tttatattgt	aacctttttc	tagttcttga	2460
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ttactctcat	caggctggaa	ggaatatgta	ctattgtgtt	tactcaaatt	atgtgggcct	2580
ttccattttg	ttgttttggt	gcaagcttag	tgttttgtag	tggaggtttt	gtaaatgaaa	2640
cagttgtaat	atctaaggtc	aggcacctag	taacagggtt	ttgttaattc	ttttcagaat	2700
cattgaagca	gtcttaaggg	gtcttttgca	gatggtacaa	attagaacaa	ttagaatata	2760
gtattttgag	ttctagtagt	actgagattg	acccaaacaa	ataaaaaact	attcaatttc	2820
tgaaaaaaaa	aa					2832

<210> 7597

<211> 3028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2865)...(533)

<223> similar to gi4176446 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7597

gttagtccat	cttatttcagt	ccatggaagg	ggtgggtagc	acagctgggt	cccgggtctg	60
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accttggacc	tgaatacagc	tctgcagccc	tagctgcaca	gaagacaggt	aggtgctttc	180
tcaaagaaga	cagacacagt	ttatttataa	accaaagagg	ccaggagcct	actagccacc	240
cccatccctt	tccctcttcc	tgagcacaga	catggctccc	ccacctcctc	acaaggtttt	300
tggtagaaac	tgtggtttgg	cctagagcat	ccctaaggac	cctgggtggg	cagggtaccc	360
tctgtccca	ccacctggga	tgtgtgggg	aacgtggagt	ggggcagcct	gatattgata	420
ccccgggcc	ccggccagg	ctctggagct	gctcttccct	gggctctgca	gcttggggtc	480
ctgggccacc	tcagacgcag	gcccagaggt	gggctgggga	ggaggggggc	acccgtccac	540
atcccagctg	aagaggtgg	gcttcaccag	catgtcccgg	acgccctcct	tcaggggctg	600
ctgcgcctct	ctcttcgcag	ggagctccca	gtcctgggag	aggctgaagg	caaagcagca	660
gaggactcgg	agctcacact	tgatctggac	ccagcccggg	ctgcgcagga	aggaccagg	720
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<211> 1927
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(1612)
 <223> similar to gi2996578 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7598

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cataccattc	cacagatttt	gaagtacacc	gaaactggct	tgctatcact	cacagtttgc	180
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<210> 7599
 <211> 4697
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(1404)
 <223> similar to gi4240235 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7599

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aaaagtgtag	aacagcaagt	tatcggcttc	agtggctctgt	cagatgacaa	gaattacaag	180
aaactggaga	ggattctaac	aaaacagctt	tttgaaatag	actctgtaga	tactgaagga	240
aaaggagata	ttcagcaagc	taggaagcgg	gcagcacagg	agacagaacg	tcttctcaaa	300
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gcccagtcce	tcgtgagaga	gaaaattgtg	ccattttata	atggaggcaa	ctgcgtaact	420
gatgagtttg	aagaaggcat	ccaagatata	attctgaggc	tgacacatgt	taaaactgga	480
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gagataatcg	aagactgcat	gaaaaagcag	ccttccctgc	cgtttccga	ggatgcacat	600
ccttccgttg	ccaaaatcaa	cttcgtgatg	tgtgagggtga	acaaggccc	aggggtcctg	660
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agtcttgaaa	aaaacccttg	catccgggaa	gccaggagaa	gagcagtgat	cgagggtgcaa	1080
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<210> 7600

<211> 1065

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (965)...(272)

<223> similar to gi780263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7600

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<210> 7601

<211> 3395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3225)...(1402)

<223> similar to gi603953 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7601

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ggggagctgg	atgctggctg	aaggaccccc	atggtgaagt	cgattccaac	ctcacgggag	180
cctcagtgcc	ctatctccat	ggaaaccagc	ctgggcactg	ggatggggcc	ctagggagcc	240
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<210> 7602

<211> 1665

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1666)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (94)...(1665)

<223> similar to gil546902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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ctccccagtc gctctgaact catctctcct accttcaaga aggaaaaggc caaaagctgt 780
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gactttttct gcccttaggg tagtacagct ggcatttgtt ttatagactc ttgtctttgg 1560
aattgggggg aggggggggag tgtttcaatc tgttatatgt tctgtgttta atgaagaaaa 1620
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```

```

<210> 7603
<211> 621
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(622)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (121)...(382)
<223> similar to gi3878951 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

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cctgagttca gaaatgaaag ctcatagca tctacactga agacgctcct gttcttcaca 180

```

gctttaatga	tcactgttcc	tattgggtta	tatttcacaa	ctaaatctta	catatttgaa	240
ggcgcccttg	ggatgtccaa	tagggacagc	tatttttacg	ctgctattgt	tgcagtggtc	300
gccgtccatg	tgggtctggc	cctctttgtg	tatgtggcct	ggaatgaagg	ctcacgacag	360
tggcgtgaag	gcaaacagga	ttaaagtga	catcaccttt	ttatagcatt	aaattcattt	420
tttaaaatga	taaatgctgg	agggggccat	ctgatttgaa	taaagttgaa	agaacatggt	480
aaagtcagtc	ttaaggagtc	acgtttgagt	atgtaaattt	tgatctttct	aatatgttgg	540
ttgnaaaatc	agttttaact	gtatgaatct	ganttgcnat	gagaattgga	aagtagtacn	600
agaataggtg	attaatggcc	a				621

<210> 7604

<211> 6012

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (510)...(4248)

<223> similar to gi2887437 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7604

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caattatatt	tacatcaaat	aaaataaaaa	tgagtgaagc	ccccagattc	ttcgttggac	540
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aaggttttag	gg					6012

<210> 7605

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (198)...(514)

<223> similar to gi3714150 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7605

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cagccccctga	tcatttcgcc	taaaagagca	aggactagag	ttcctgacct	ccaggccagt	180
ccctgatccc	tgacctaatg	ttatcgcgga	atgatgatat	atgtatctac	ggggggcctgg	240
ggctgggctg	gctcctgctt	ctggcagtg	tccttctgtc	cgctgcctg	tggttgctgc	300
atcgaagagt	aaagaggctg	gagaggagct	ggcaccttct	gtcctgggtcc	caggcccagg	360
gctcctcaga	gcaggaactc	cactatgcat	ctctgcagag	gctgccagt	cccagcagt	420
agggacctga	cctcaggggc	agagacaaga	gaggcaccaa	ggaggatcca	agagctgact	480
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gtctcagtcc	tctcagtcca	tctcgagcct	ccgttcaaat	tgatcatcat	caaaacttat	660
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<210> 7606

<211> 2065

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (57)...(712)
<223> similar to gi3005742 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7606
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ggcgggggggc agtgtcgcct cgggtctaggg acggcgggcg agtcgggtgg cctgcgcga      120
tggccacctc ggtgttgtgc tgcctgcggg gctgcagaga cggggggact ggccacatcc      180
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atcaaaacaa aagctatttt gaattcaaaa tccagtcac aggaatctgg ggtattggtg      360
ttgcaactca gaaggttaac ttgaatcaga ttcctcttgg ccgagatatg cacagtctgg      420
tgatgagaaa tgatggagcc ctttaccaca acaatgaaga gaaaaatagg ctgccagcaa      480
acagtcttcc gcaggaagga gatgtggtgg gtattactta tgaccatgtc gaattaaatg      540
tatacttgaa tggaaaaaac atgcattgtc cagcatcagg tatacgaggg acagtgtatc      600
cagttgttta tgttgatgac agtgcaattt tggattgcca gttcagtgag ttttatcata      660
cgctccacc tggttttgaa aaaaatattat ttgaacagca aatcttctga atgtatttgc      720
tgttcaaact tgtatttctg cactgttaaa aaatgttcat catttaataa aactttacct      780
ggcctataga tgaaaatata ttcttaaaaa tatgcttggt gatgctgtct aaggaaccaa      840
tgtattcagt ataccaccct gaagttgtga tttaaaatac tttatgtttt gtgaaatgaa      900
aataagcatt tgggcagttt atttaattct tatttaaata aatagaatta tgggtttaat      960
taacagtata acatgactat atatacatat atatttaaag ggaattcttt cttacataat     1020
atatttgttt tgatagagat gtaaagtgg gtgtgtgttt ttgtcactct gaagtttaga     1080
cctcattaaa tatttgacat ctacagttgg ataattttgc cgcttagtgt ctttttttat     1140
atacaatata acaaaagtga agaaatttat attactggca atttcatttt tggcagtcta     1200
tttctgtatc atgtaccgct tttcttaaaa cttaaattgc ttattttgtt gtgtaatgtc     1260
attgcttttg atttgctttg tgaaaggaga taaacgtttc agtaattgtc agagcatttt     1320
gttgctcag gctgtgttac ctcaatttca gagtaagtag tggttgatta gtaatgtagt     1380
atacactggc agacatctag aatagtatga tgctttacat ttaaagagg ttattctttt     1440
aaggactttt atttgatatg tttctgtaag gaataataaa ataattgtaa ttaaggaata     1500
taccatacta tattaaacac attcttccta ttttgttagt tatacactaa attcacatca     1560
cccgtgatta tttcagttca gagataagtg aatcctcttc atgaccctga gtctttgcct     1620
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catctttaga tacgttgtct gttttcaaat gagcatggca aggatgcata catttccctc     1740
ctttatcaac tagaaacagt acattgttca ggaaaacatg agtgtttaga ttagaaacag     1800
atccaaattg tagttttgct gctcatccta ttttctctc tccaagtctc agattcccat     1860
ttataaaagg agcaatcata ctgacataag attctatgat taaataaggt aatacgtata     1920
taacacctta ataactatag gcacttgcgc caggcgcggt ggctcacgcc tgtgatcccg     1980
gcactttggg aggctgaggg gggaggatca cgaggtcagg agatcgagac catcgtggct     2040
aacatggtga aaccctggct ctact                                     2065

```

```

<210> 7607
<211> 982
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (1)...(983)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (909)...(323)
<223> similar to gi5531811 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7607
tttttttttt tttgtggaaa acaacacctt atttattcag ggtgtaatac tgtctacttc      60
ctttcagaag acttgaaaaa gatcaaaata ggataaatgg acagttacta ctaaacgatt      120
caaatacttg ggcagtatct ttccctctta accctttcac acgtttttaa agtgtcaaaa      180
ttgatgaatg gtataaatc aaaaggaaaa ttcttttcta ctgaaaagga catccagctc      240
gcacaaacgg tggttcagct gaaggcaagg cgtttctggt ttctctctgc actcgggcgg      300
atcgtttaact tccccaagtt acaactgagt tgctctttcc aggcttttcg aagcatcttt      360
aagtttcccc accaagtcct gtaattgttc catgctgcaa ctaaaactaa tctctggata      420
ggatggggaa tcagtgttct gtacacttaa ggtcaccaa tatgcaggtc tgtacatcct      480
atgaagttga ttggtcttta tctgatattc caagcgccaa gaaacatccg ttatatgagg      540
gagagatctg cctatacttc ccagtaggat ttctagggaa ttcttattat tctgatattc      600
cgtgcaaaac agttctattc gctctctgtc aaatttacag tcttctagat aagtgccttag      660
agttgacttg tcagctcggg gctttctctgc ctctagtagt taagttgcag ctgctgcattg      720
acaatgtttt aaaaccactg ggtcgatatg tttcaagtct ggatgatcta acacggcctc      780
gtccgcctgg gcgtccagca gactctggaa tgccgcccgg aggagaagcg tgaaggcggt      840
ggagtcgaag gagcggggat ccgccagcat ctggaagcct ttctgcacag actccgagag      900
ctccattgtg agcgcgcctg cggacgcgtg ggtcgnccgg ggatttcang gccgtctatc      960
gcatggtcca atttnacaca cc                                          982

```

```

<210> 7608
<211> 1329
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (60)...(576)
<223> similar to gill42716 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7608
ccctggtccg cgggcgagct cgagcagcca accccgggcg cgtcggggcc atggacggcc      60
tgaggcagcg cgtgggagcac ttcttgagc aaaggaacct ggtcaccgaa gtgctggggg      120
cgctggaggc caagaccggg gtggagaagc ggtatctggc tgcaggagcc gtcactctgc      180
taagcctgta tctgctgttc ggctacggag cgtctctgct gtgcaatctc atcggatttg      240
tgtaccccg atagtctca atcaaagcta tcgagagccc aagcaaggac gacgacactg      300
tgtggctcac ctactgggtg gtgtacgccc tgtttgggct ggccgagttc ttcagcgatc      360

```

tactcctgtc	ctgggtccct	ttctactacg	tgggcaagtg	cgccttcctg	ttgttctgca	420
tggctcccag	gccctggaac	ggggctctca	tgctgtatca	gcgcgtcgtg	cgtccgctgt	480
tcctaaggca	ccacggggcc	gtagacagaa	tcatgaacga	cctcagcggg	cgagccctgg	540
acgcggcggc	cggaataacc	aggaacgtca	agccaagcca	gaccccgcag	ccgaaggaca	600
agtgaagcag	ccccctgagc	ctcacaagga	cctcctggct	ggtgaggagg	gggccgcgcc	660
aggctcccag	gcctccacag	agtcttcagc	gcacccccca	acagcagccc	ctgccagtcc	720
ctcgggtcca	ggcaaggccc	tgggggtctc	cttaaattgcc	acctcgggca	agtcccagtc	780
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tggctcccgc	ctgtccggca	gggcccaggg	ccagcgtcgg	gcacagggca	gctcccactg	900
gtctcggcaa	cacaccacagc	cgcctgggtac	ttcctccagc	ccctcccagt	cagccctccc	960
gtcctcgggg	cccctgcagc	cacccaacgt	cacctccagc	ccggtctcac	ccatgggtcca	1020
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gacgcaaccc	ccaagaccag	cggacagcgc	cagaaggaat	cgtcgaaaca	gcctgccagc	1140
agcgctcag	tgcccagagct	ggccccctgc	cattccggga	cctctctgga	gtacacttcg	1200
gagtcacca	ccgagatcac	ctgcagctgg	ccacaccaca	ggcccccggtg	cctgcagcac	1260
tactggtgcc	tgaaacacct	ggcctgctag	gaggctccaa	taaagctaac	ccggaccaga	1320
aaaaaaaa						1329

<210> 7609

<211> 4586

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (915)...(3680)

<223> similar to gi5834564 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7609

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acaaatacaa	atatgaagag	tgcaaagacc	tcataaaatc	tatgctgagg	aatgagctac	120
agttcaagga	ggagaagctt	gcagagcagc	tgaagcaagc	tgaggagctc	aggcaatata	180
aagtccctgt	tcactctcag	gaacgagagc	tgaccaggtt	aaggggagaag	ttacgggaag	240
ggagagatgc	ctcccgtcca	ttgaatgagc	atctccaggc	cctcctcact	ccggatgagc	300
cggacaagtc	ccaggggcag	gacctccaag	aacagctggc	tgaggggtgt	agactggcac	360
agcaccttgt	ccaaaagctc	agcccagaaa	atgataacga	tgacgatgaa	gatgttcaag	420
ttgaggtggc	tgagaaagtg	cagaaatcgt	cttccccccag	ggagatgcag	aaggctgaag	480
aaaaggaagt	ccctgaggac	tcactggagg	aatgtgccat	cacttggttc	aatagccatg	540
gcccttgtga	ctccaaccag	cctcacaaga	acatcaaaat	cacatttgag	gaagacgaag	600
tcaactcaac	tctggttgta	gacagagaat	cctctcatga	tgaatgtcag	gatgctctaa	660
acattctccc	agtccttggc	cccacctctt	ctgccacaaa	cgtcagcatg	gtggatatcag	720
ccggcccttt	gtccggcgag	aaggcagcga	taaacattct	agaaatcaat	gagaaattgc	780
gccccagct	ggcagagaag	aaacagcagt	tcagaaacct	caaagagaaa	tgttttctaa	840
ctcaactggc	ctgcttcctg	gccaaaccagc	agaacaaata	caaatatgaa	gagtgc aaag	900
acctcataaa	atztatgctg	aggaatgagc	gacagttcaa	ggaggagaag	cttgccagagc	960
agctcaagca	agctgaggag	ctcaggcaat	ataaagtcct	ggttcactct	caggaacgag	1020
agctgaccca	gttaagggag	aagttacggg	aaggagaga	tgccctccgc	tcattgaatg	1080
agcatctcca	ggccctcctc	actccggatg	agccggacaa	gtcccagggg	caggacctcc	1140
agaacagct	ggctgagggg	tgtagactgg	cacagcacct	tgtccaaaag	ctcagcccag	1200

aaaatgacaa	cgatgacgat	gaagatgttc	aagttgaggt	ggctgagaaa	gtgcagaaat	1260
cgtctgcccc	cagggagatg	ccgaaggctg	aagaaaagga	agtccttgag	gactcactgg	1320
aggaatgtgc	catcacttgt	tcaaatagcc	atggccctta	tgactccaac	cagccacata	1380
ggaaaaccaa	aatcacattt	gaggaagaca	aagtcgactc	aactctcatt	ggctcatcct	1440
ctcatgttga	atgggaggat	gctgtacaca	ttattccaga	aaatgaaagt	gatgatgagg	1500
aagaggaaga	aaaaggacca	gtgtctccca	ggaatctgca	ggagtctgaa	gaggaggaag	1560
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gtcttgaaca	gcttgactcc	tgccagccct	atggaagttc	cttttatgca	tggagggaaa	2340
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aagaggaaga	agaccaaggc	ccaccatgcc	ccaggctcag	cagggagctg	ctggaggtag	3180
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ttgaacagcc	tgactcctgc	cagccctatg	gaagttcctt	ttatgcattg	gaggaaaaac	3300
atgttggtct	ttctcttgac	gtgggagaaa	ttgaaaagaa	ggggaagggg	aagaaaagaa	3360
ggggaagaag	atcaaagaag	gaaagaagaa	ggggaagaaa	agaaggggaa	gaagatcaaa	3420
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ctctgccggt	gcagaatatg	agcaatgcca	tgttcttgca	gaaaacgctt	aacctgagtt	4440
tcataggagg	taatcaccag	acaactgcag	aatgtagaac	actgagcagg	acaactgacc	4500
tgtctccttc	acatagtcca	tatcaccaca	aatcacacaa	caaaaaggag	aagagatatt	4560
ttcggttgaa	aaaaagtaaa	aagata				4586

<210> 7610
 <211> 2321
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (52)...(1398)
 <223> similar to gi4467809 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7610

tagaagcagg	caagttgggt	aacggctctc	ggcaaagttc	gagaagtgcc	tatggccatg	60
agtgaactgg	gcactcggaa	gccagcgat	ggcactgttt	ctcatctgct	caatgtgggtg	120
gagagtgagc	ttcaggcagg	gagggaaaaa	ggcgacccta	cggagaagca	acttcagatc	180
atcctggagg	atgcacctct	ctggcagaga	ttcaaggaag	tcactaatga	gatgattgtg	240
accaagaatg	gcagacggat	gtttccagtc	ctaaagatta	gtgtcacagg	gttggacccc	300
aatgccatgt	actccctcct	gctggacttt	gtccctacgg	acagtcaccg	ctggaagtac	360
gtcaacgggg	aatgggtgcc	cgctggcaag	ccagaggtct	ccagccacag	ctgcgtctac	420
attcaccggg	actcccccaa	ctttggggcc	cactggatga	aagctcccat	ctccttcagc	480
aaagtgaagc	tgaccaacaa	gctcaatgga	ggcgggcaga	taatgttgaa	ttctctgcat	540
aaatatgaac	cccaggttca	catagtgcgt	gttggaagtg	cccatcgaat	ggtaacaaac	600
tgtctcttcc	ctgaaaccca	gttcatagcc	gtgactgcct	atcagaatga	ggagataacg	660
gctctcaaaa	tcaagtacaa	tcctttttgcc	aaagccttct	tggatgccaa	ggaaagaaat	720
cacctaagag	acgtaccgga	ggctatctct	gagagccagc	atgtgacctt	ttctcacttg	780
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tatgccgctc	ctctgctctc	gcctgctccc	cacacccacc	atggctgtga	gcactattcg	900
ggtctccgag	gacaccggca	ggctccctac	ccttctgctg	acatgcacag	aaaccattct	960
ccctcagtga	atthgataga	aagctcaagc	aataatctgc	aagttttctc	gggacctgac	1020
agctggactt	ctttatcttc	cacaccccat	gccagcatcc	tgtctgtacc	ccacaccaac	1080
ggaccaatca	atccagggcc	cagccccctac	cgtgacctgt	ggaccatcag	caatggtgcc	1140
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ggaaaccagc	ctgtgacttc	accccccttct	gtgctctcca	cccaagcacc	cacttcggct	1260
ggtgtggagg	ttctggggga	gccctcgcta	accagcattg	ctgtgtccac	ctggacagca	1320
gtggcctcgc	atcccttcgc	gggctgggggt	ggcccaggag	cgggtgggca	ccattctcct	1380
tcctcactgg	atgggttaagc	aggatcctag	gagcctcttt	gcacagcgat	ccttccatgt	1440
gtagagtgtc	tagaaacccc	atcaactgat	ctagtgaagc	agactgtgga	atctcccttc	1500
ccactagctg	gaggtggagg	tgggttatta	cagaagtcac	actgggagag	ggttcagttt	1560
ggatgatgtc	agttagatca	tttgcatctc	tccaccattt	tcttctgcac	tcccattttc	1620
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cctgcctctt	attctcaaat	cgttctggaa	agcctcactt	ccttttctgt	ggagaagggtg	1740
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tggggtgtaa	gccatagagt	aagggttaaca	aaaagaataa	agctaatacat	gtattacaaa	1920
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ggagttcgag	accagcttgt	gcaacaaagt	gagagcctgt	ctctacaaaa	aatagtcatg	2160
cacacaaaat	tagctgggca	tgggtggcctg	tgcctatagt	cccaactact	tagaggagga	2220

tcgcttgatc	tcaggaggtt	gaggctgcag	tgaattatga	ttgtggcatt	gcactccagc	2280
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<210> 7611

<211> 2276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (134)...(2179)

<223> similar to gil780991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7611

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gatccaggat	aggatgggca	gcccagtgca	ccgagtgtca	ttgggggata	cctggagcag	180
gcaaatgcac	cccagacatag	agagcgagag	gtatatgcag	tcctttgacg	tggaacggct	240
caccaacatc	cttgatggag	gtgcccagaa	cactgcactc	cgcaggaaag	ttgagagcat	300
catccacagt	tacccggagt	ttagctgtaa	ggacaattat	ttcatgacct	agaatgagcg	360
ttataaggct	gccatgcgga	gggcattcca	catccggttg	atagctcggc	gcctgggttg	420
gttagaagat	ggtcgtgaat	taggctacgc	ttacagagcc	ctttctggag	acgtggcctt	480
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acggtcagcc	acccatgccc	tggtccaggc	ccagctgac	tgctcaggag	ccaggcggg	780
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catcattggg	gacatcggac	ccaagatgga	ctttgatcaa	acagacaatg	gcttcctgca	900
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agatggcacc	tacgtcaaac	tcggtacagc	acagagcaac	taccttccca	tggtgggtgg	1020
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catgcgctac	tcggtcatcc	gccgccaatc	ccggctccgg	cccagtgacc	cagaggcaaa	1140
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gcagactcag	atgtcccctg	gctccacgcc	acagagatct	ctctctccat	ctgtcgcata	1560
tctcaccgca	cctgacctgg	ccagggtgtcc	agcccagagg	gcagccgact	tcctctgccc	1620
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agaagctctg	gagaaactag	aaaatgaacc	agcgattcag	caggtgctca	agcgccctctg	1860
tgacctccat	gccatacatg	gaatcttgac	taactcgggt	gactttctcc	atgacgcctt	1920
cctgtctggg	gcccaagtgg	acatggcaag	aacagcctac	ctggacctgc	tccgcctgat	1980
ccggaaggat	gccatcctgt	taactgatgc	tttgacttc	accgatcagt	gtttaaattc	2040
agcacttggc	tgttatgatg	gaaacgtcta	cgaacgcctg	ttccagtggg	ctcagaagtc	2100

accaaccaat	actcaggaga	accctgccta	tgaggaatat	ataagaccac	ttttacaaag	2160
ttggagatcc	aagctatgaa	ataaccaaca	gtattcaaga	agcaaccagc	accatcatgt	2220
gataatggta	ctatggcata	tatgcaacat	taaaatttta	aattagaaaa	aaaaaa	2276

<210> 7612
 <211> 1727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (61)...(414)
 <223> similar to gi208157 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7612						
gcgggacccg	cgaggagtcg	cgccgaggac	ggaggccacg	atacctgcgt	ggctggggct	60
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ggagaggagc	gtgtcccaa	gccgggggag	caggacttga	gcaggcacgc	ggggtcaccg	180
ccgggcagcg	tggaggagcc	atctcctgga	ggagaaaact	cacctggtgg	cggaggctcc	240
ccttgtttgt	cctcccggag	cctggcgtgg	ggttctcttg	cggaagaga	gagtgcgcgc	300
ggagatagca	gtgtggaaac	gcgcgaggag	tcggagggca	cgggcggcca	gcgctcagcc	360
tgcgccatgg	gtgggtcccgg	gaccaagagc	ggggagcctt	tgtgtcctcc	gttactgtgt	420
aatcaggaca	aagaaacctt	gactctgctc	attcaggtgc	ctcggatcca	gccgcaaagt	480
cttcaaggag	atgtgaatcc	cctctggtac	aaattacgct	tctccgcaca	agacttagtt	540
tattccttct	ttttgcaatt	tgtctcagag	aataaattga	gtaccacaga	acctgtgatt	600
agcatttctt	caaacaatgc	agtgatagaa	ctggcaaaat	ctccagagag	ccatggacat	660
tggagagagt	ggtattatgg	tgtaaacaac	gattcttttg	aggaaagggt	atttgtcaat	720
gaagaaaatg	ttaatgagtt	tcttgaagag	gtcctgagct	ctccattcaa	acagtctatg	780
tccttgaccc	caccattaat	tgaagttctt	caagttactg	ataataagat	tcaaattaat	840
gcaaagttgc	aagaatgtag	taactctgat	cagctacaag	gaaaggagga	aagagttaat	900
gaagaaagtc	atctaactga	aaaggaatat	atagaacatt	gtaacacccc	tacaactgat	960
tctgattcat	ctatagcagt	taaagcacta	caaatagata	gctttggttt	agttacatgc	1020
tttcaacaag	agtctcttga	tgtttctcaa	atgatacttg	gaaaatctca	gcaacctgag	1080
tcaaaaatgc	aatctgaatt	tataaaagaa	aaaagtgcct	cttgttcaaa	tgaggaaaaa	1140
ggtaacttaa	acgagtcagt	aataactgaa	gagaaagaaa	cagatggaga	tcacctatct	1200
tcattactga	acaaaactac	ggttcacaat	atacctggat	tcgacagcat	aaaagaaacc	1260
aatatgcagg	atggtagtgt	gcaggtcatt	aaagatcatg	tgaccaattg	tgcatcagc	1320
tttcagaatt	ctttgctata	tgatttggtg	taattctata	taatttttga	cttttaataa	1380
ttaagggttaa	aaaatacctg	tatctaaaat	tgattctgtt	aactgttgct	ttaaaactaa	1440
aggtattaaa	gtataaaaat	aaaatttgca	atttttttta	aaaaattgca	attttgatcc	1500
tcatggggga	aattggagaa	aatttttttt	tttttgccct	tggagttaa	agtttcctta	1560
tggagataag	ttttgtgatt	cctgtaatat	atgggtatgt	tttctatttg	agagttaaaa	1620
catttgagag	ttaaaacatt	tagttttaat	acaacctatg	tatatatact	tctgtgttaa	1680
tttttgcttt	gtcattaata	aaatttaaaa	atattcaaaa	aaaaaag		1727

<210> 7613
 <211> 1357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1241)...(379)
 <223> similar to gi3218411 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7613

tttttttttt	ttaacattta	tataccaagt	ttattgagac	ctcctgagac	ttaaaccctg	60
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gtaactacaa	aaacacagcc	aataagtgt	ttgaaacaag	gaagaacata	aaaaagatgt	180
agtgttcgaa	aacctggaat	caaaaactaa	ccgcggagaa	aggtaggagg	atgttctaga	240
ctcccagaga	agagctgggg	aacatccaga	aaggctcttg	ctgccgacac	agccacatcc	300
cctaggtctc	tggagttcac	tgcaggctgg	cccattgcag	ggaggtgtag	accaccttac	360
catcaggctg	cggagaacag	aggagcaggg	tctttctgac	gctgggtcca	aggcgcccag	420
cagcaaccag	gtcttgaggt	gggatggtgt	cctcgggggc	ccagcactga	gcatataaat	480
gggcgtggaa	gcggaggggg	tcaccaggat	agaccaggaa	gtcacctccg	aacttgccag	540
ccgcactgag	gaagaagcct	cgctcccaca	ggtctctgta	gatactgtag	cgcagctcgt	600
gggcagggcg	gccggcggtg	ggccagtctt	tagactggac	acgccagtcc	aggggcctgg	660
ccttgaccgg	tcgaggcctg	gcagtggcca	gctggacaag	gagagcagat	ctgggcaagg	720
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ccgaagcctg	gccatcactg	gtctcactct	ctttggcagc	ctggctcgag	ccggcctcct	840
ggcttgagct	ggcccctgaa	gcctgttcta	gtttctgctt	cttagcagcc	tggccctccg	900
taatcttctc	caggagctcc	tgacgacggg	tctcccgggc	ctcagctgcc	aaggcgctct	960
gctcctggaa	gctctcctct	tgctggcgct	tgaaggatgt	cagggccagg	ctgtggtgcc	1020
gagagtctgg	acgcggggcg	ctgaccagag	tcacggcgcc	gatctcggcc	aagagccgcg	1080
cctcttcggg	catcagcagc	agcgggaggc	ccaggcgcca	gttctggcgg	ggcccgcggg	1140
gcagggcgcc	taccgtgcgg	ccccccacac	ccaggcgctc	ccggagggcc	tgcaccgcct	1200
cggctcccca	caccagggag	cggccgttcg	ccacctccac	caccagcatc	ctcccccaatt	1260
gggagcgctc	agtccgcctc	cttgccctcc	ttcagaatgt	cccactgtcc	accgatagaa	1320
ccagcgagtc	acctcataaa	cagtaattcg	cagtcca			1357

<210> 7614
 <211> 2003
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (186)...(1205)
 <223> similar to gi5410282 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7614
cacggggccgc agcgggcagtg acgtaggggtt ggcgcacgga tccggttgccg ctgcagctct 60
gcagtcggggc cgttccttcg ccgcgccag gggtagcggg gtagctgcgc agcgtcgcgc 120
gcgctaccgc acccaggttc ggcccgtagg cgtctggcag cccggcgcca tcttcacga 180
gcgccatggc cgcagcctgc gggccgggag cggccgggta ctgcttgctc ctcggttgcc 240
atgtgtttct gctgaccgcg ggccctgccc tgggctggaa cgaccctgac agaattgtgc 300
tgcgggatgt aaaagctctt accctccact atgaccgcta taccacctcc cgcaggctgg 360
atcccatccc acagttgaaa tgtgttgagg gcacagctgg ttgtgattct tataccccaa 420
aagtcataca gtgtcagaac aaaggctggg atgggtatga tgtacagtgg gaattgaaga 480
cggacttaga tattgcatac aaatttgtaa aaactgtggg gagctgtgaa ggctatgagt 540
cctctgaaga ccagtatgta ctaagagggt cttgtggctt ggagtataat ttagattata 600
cagaacttgg cctgcagaaa ctgaaggagt ctggaaagca gcacggcttt gcctctttct 660
ctgattatta ttataagtgg tcctcggcgg attcctgtaa catgagtggg ttgattacca 720
tcgtgggtact ccttgggata gcctttgtag tctataagct gttcctgagt gacgggcagt 780
atttcctccc accgtactct gagtatcctc cttttccca ccgttaccag agattcacca 840
actcagcagg acctcctccc ccaggcttta agtctgagtt cacaggacca cagaatactg 900
gccatgggtg aacttctggg tttggcagtg cttttacagg acaacaagga tatgaaaatt 960
caggaccagg gttctggaca ggcttgggaa ctgggtggaat actaggatat ttgtttggca 1020
gcaatagagc ggcaacaccc ttctcagact cgtgggtacta cccgtcctat cctccctcct 1080
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gataaagtag aaagttaggag tcaaacactg gatgcagaaa ttttggattt ttcactcact 1260
tctctttaga aaaaaagtac tacctgttaa caattgggaa aaggggatat tcaaaagttc 1320
tgtggtgtta tgtccagtggt agctttttgt attctattat ttgaggctaa aagttgatgt 1380
gtgacaaaat acttatgtgt tgtatgtcag tgtaacatgc agatgtatat tgcagttttt 1440
gaaagtgatc attactgtgg aatgctaaaa atacattaat ttctaaaacc tgtgatgccc 1500
taagaagcat taagaatgaa ggtgtgttac taatagaaac taagtacaga aaatttcagt 1560
tttagtggtg ttagctgatg gagttattac ctcatagaga ctataatatt ctatttggtg 1620
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ctaatttgtg agttctgata acttttgagc tctgaagctt tgaatcattc agtgggtggg 1740
atggccttct ggtaactgaa tattaccttc tgtaggaaaa ggtggaaaaa aagcatctag 1800
aagggtgttg tgaatgactc tgtgctggca aaaatgcttg aaacctctat atttctttcg 1860
ttcataagag gtaaaaggtc aatttttcaa caaaagtctt ttaataacaa aagcatgcag 1920
ttctctgtga aatctcaaat attgttgtaa tagtctgttt caatcttaaa aagaatcaat 1980
aaaaacaaac aaggggaaaa aaa 2003

```

<210> 7615

<211> 1328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (925)...(473)

<223> similar to gi913246 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7615

```

ggtagccaca tggcaaatgc atgtcaaagc actttgaaaa cagaaaatcc tattcaaatg 60
ataggtatta tttagaaagc tggctttata aatgcatggt tttggcagct tcaattaaag 120

```

ttaggatcct	cctaagagaa	attatcattg	taccttcttt	tgtgaagtca	aagccttcaa	180
gacagtactc	aaaattcaat	aaataggttt	tactatgtag	atgaacaaag	ctttaaagtg	240
aataaggaca	gcagtgaagg	gcaagtcaag	gatagatact	tcacaagcca	actgaatgaa	300
gaccatggat	tcgttagctc	tgagccgttt	aacatttcat	attatactta	gcaggaatgt	360
atgacaatat	tactttgatt	ttttgctggt	cccgtttaat	tactgcatcc	agttgcttcc	420
ttttttcatt	ttcttcttgt	agttttcttt	gtagctgtat	cttttgatat	ttcatgtgat	480
ctacactctg	ctctagttca	ttagcacggt	tctcattttg	gattgacagt	gatgccagtt	540
tcttactatc	ttgttgcttc	ttctgtaaga	cctgaactct	cagctttgca	gcatccacct	600
ttttacgaaa	ctctttctgt	aattttacct	tcattgcaac	atcagaaaga	tctttgtttt	660
ccagctcctg	tagctgcttt	tgtgtttcag	ttagttcgac	ttttgcctgt	tctgcatcat	720
gctctagctt	tgttactttc	aaagtatact	gcttgcttac	agacttggca	tcgttacctg	780
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tttcatcctg	agtatcactc	aattcaacaa	gggaacagag	tctggcttct	gaatccatga	1020
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atcagaaaat	tggcagtgga	ggacctcctc	tcgttcttct	acgtgatcca	acagcatctg	1140
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gaccttgcaa	gtgattcccc	ctcctggaat	cttgtcttga	tgggatataa	atataatgcc	1260
ccaaatgagt	atcaaatggt	acagtatatg	gtctcttttc	agggatcctg	gcatatggcc	1320
cgtctcca						1328

<210> 7616

<211> 1297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (98)...(834)

<223> similar to gi50229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7616

tcagacaccg	tgctctcttg	cctgggagag	gggaagcaga	tctgaggaca	tctctgtgcc	60
aggccagaaa	ccgcccacct	gcagttcctt	ctccgggatg	gacgtggggc	ccagctccct	120
gccccacctt	gggctgaagc	tgctgctgct	cctgctgctg	ctgcccctca	ggggccaagc	180
caacacaggc	tgctacggga	tcccagggat	gcccggcctg	cccggggcac	caggggaagga	240
tgggtacgac	ggactgccgg	ggcccaaggg	ggagccagga	atcccagcca	ttcccgggat	300
ccgaggacct	aaagggcaga	agggagaacc	cggcttacct	ggccatcctg	ggaaaaatgg	360
ccccatggga	ccccctggga	tgccaggggt	gcccggcccc	atgggcatcc	ctggagagcc	420
aggtgaggag	ggcagataca	agcagaaatt	ccagtcagtg	ttcacggtca	ctcggcagac	480
ccaccagccc	cctgcaccca	acagcctgat	cagattcaac	gcggtcctca	ccaaccgcga	540
gggagattat	gacacgagca	ctggcaagtt	cacctgcaaa	gtccccggcc	tctactactt	600
tgtctaccac	gcgtcgcata	cagccaacct	gtgctgtctg	ctgtaccgca	gcggcgctcaa	660
agtggtcacc	ttctgtggcc	acacgtccaa	aaccaatcag	gtcaactcgg	gcgggtgtgt	720
gctgaggttg	caggtgggcg	aggaggtgtg	gctggctgtc	aatgactact	acgacatggg	780
gggcatccag	ggctctgaca	gcgtcttctc	cggcttctct	ctcttccccg	actagggcgg	840
gcagatgcgc	tcgagcccca	cgggccttcc	acctccctca	gcttctctgca	tggacccacc	900
ttactggcca	gtctgcatcc	ttgcctagac	cattctcccc	accagatgga	cttctctctc	960

agggagccca	ccctgaccca	ccccactgc	acccctccc	catgggttct	ctccttcctc	1020
tgaacttctt	taggagtcac	tgcttgtgtg	gttcctggga	cacttaacca	atgccttctg	1080
gtactgccat	tctttttttt	ttttttcaaa	gattgggagg	ggggggggaa	atatataaat	1140
aaatcatgaa	atcaaagcc	acccgggccc	aaattccaaa	atttataaat	cgaaaaccct	1200
gaaaaccccc	aaagagtact	cttaaagggg	gcaaggcccc	ccatgtaatt	tcttttcttt	1260
aaaacagggt	tgggcctttt	tttataaaac	tatcccc			1297

<210> 7617

<211> 940

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (820)...(282)

<223> similar to gi1872491 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7617

tttttttttt	ttgcaaagac	cacagtgcct	tactttttgt	cttagcagag	gagataactt	60
gagggacagc	ccccaaggcg	ccaggtagcc	ttcaggggcg	ggcaggggtg	ggggaggtag	120
gagactcgga	ccggcagccc	tggtccagc	ttcatcatct	gtgtcttccc	tctctggcca	180
ggctcttcga	ggggatgcag	gaggctgggc	acggtgagct	ggcagggggc	ttggtcttcg	240
ggtgccccagc	aggttgtcag	ctcctgtttc	tgatggactc	acctgcaatg	attccggcat	300
aaccgggaca	gctgcctgca	cttgccactg	gtgaggatga	tgatgcctgt	gatgaacagc	360
acagctgcga	ccaacagccc	ccgtttccgg	aggggtgtgt	catcatagaa	gaaggggtca	420
tcctcatgaa	aaccagatgg	cttgagggtc	tgggggtctg	tctggacgtc	tgtgcttggg	480
gatggtctct	cagagagcgt	cgtggtgtca	tcagtgggat	gagctgcttt	ggtgctcttg	540
tgtgtctctg	gatctgtcac	tagaggccca	tccgttcctt	ccagttgctg	ggtctgggtc	600
tggggtttgt	gtgtttcatc	agcaggccag	gttgggggtg	gagaggtggg	ctggagttct	660
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gaagaactgg	acgtgggtatc	tttcaacgtc	tgctctctgg	tggggagaat	caggccaacg	780
atggtgagaa	gacacaggcg	accagagggc	gacatctgag	cccggcccgt	gggcagaggg	840
gcagcggatg	gaggtggcgc	gcgagagggg	cttacgtcgg	agctgggggt	cctaagccgg	900
cagcctcgtg	gagagagggg	cgcggcgggt	gctgctgcgt			940

<210> 7618

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(1407)

<223> similar to gi5689415 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7618
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tcaaaggttt ccgaggaggc ctggacgtga cccacggaca gacaggggtg gaatcagtgt      180
acacaacatt ccgggacagg gagatcatgt ttcacgtttc cacaaagctg ccattttaccg      240
acggagacgc ccagcagctc cagagaaaga gacacattgg aaatgacatc gtggccatca      300
tcttccaaga ggaaaacacg ccgtttgtcc cagacatgat agcctccaat ttcttacatg      360
cctacatcgt cgtgcaggtc gagacccag gcacagagac cccatcctac aaggtctctg      420
tactgcgcg ggaagatgtg cccacctttg gtccacctct gcccagtcct cccgttttcc      480
agaagggccc ggaattcagg gagtttctgc tcaccaagct caccaatgcc gagaacgcct      540
gctgcaagtc ggacaagttt gcaaagctgg aggaccggac cagggctgcc ctctggaca      600
accttcacga tgagctccac gcccacacac aggccatgct gggactgggc ccagaggagg      660
acaagtttga gaatggaggc cacggggggt tcttgagtc ttttaagagg gccatccgcg      720
tacgacgcca ctccatggag accatggtgg gcggccagaa gaagtcgcac agtgggggca      780
tccctggcag cctcagcggg ggcatctccc acaaccagat ggaggtcacc aagaccacct      840
tctcgctcc agtggtggcg gcaacggtga agaaccagtc acggagtcct atcaagcgac      900
gctcggggct cttccccgc ctgcacacgg gctcagaagg ccagggcgac agccgggcac      960
gatgtgacag cacatccagc acaccaaga cccagatgg tggacactcc tctcaggaga     1020
taaagtctga gacctcatcc aatcccagct ctccggaaat ctgccccaac aaggagaagc     1080
ccttcatgaa gttgaaggaa aacggccgcg ccctctcccg ctctctctcc agcaccagca     1140
gcgtcagcag cactgcaggg gagggcgagg ccattggagga gggcgacagt gggggcagcc     1200
agccgtccac gacctaccc ttcaagcagg aggtgtttgt ctacagcccg tccccgagca     1260
gcgagagccc cagcctgggg gcagctgcca cccgatcat catgagccgg agtcccacag     1320
atgccaaaag cagaaactcc ccgagatcga acctgaaatt ccgctttgac aagctcagcc     1380
atgccagctc tgggtcgggt cactaat                                     1407

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<210> 7619

<211> 1329

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (104)...(926)

<223> similar to gi4680703 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7619
cgcacgggcg cgcgcagctg ttgacgcgct tcttagctgg tgcgcgccgg agcccaaatt      60
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ctcctctgag cgaaaacgag cgcggatacc gtccgggaag gccggagcag caaatggatt     180
tctcatggaa gtttgtgttg attcagtggg atcagctgtg aatgcagaaa gaggagggtg     240
tgatcggatt gaattatgtt ctggtttatc agagggggga actacaccca gcatgggtgt     300
ccttcaagta gtgaagcaga gtgttcagat cccagttttt gtgatgattc ggccacgggg     360
aggtgatttt ttgtattcag atcgtgaaat tgaggtgatg aaggctgaca ttcgtcttgc     420
caagctttat ggtgctgatg gtttggtttt tggggcattg actgaagatg gacacattga     480

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caaagagctg	tgtatgtccc	ttatggctat	ttgccgccct	ctgccagtca	ctttccaccg	540
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tgaacgcgtg	ttgaccagt	gatgtgacag	ttcagcatta	gaagggctac	ccctaataaa	660
gcgactcatt	gagcaggcaa	aaggcaggat	tgtggtaatg	ccaggagggtg	gtataacaga	720
cagaaatcta	caaaggatcc	ttgaggggtc	aggtgctaca	gaattccact	gttctgctcg	780
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attaattgat	gaactgggaa	aattttaact	gcatggtatg	aattcagagt	gtgacttaag	1260
ggtcaattca	aagcagtatt	ttgacttttc	atttgtaaaa	taaaaatttc	cactattaca	1320
aaaaaaaa						1329

<210> 7620

<211> 1999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (387)...(1741)

<223> similar to gi5256830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7620

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cctggatctg	tgccccgtga	gcgctcaacg	ccctgggtgtg	ttcactgacc	atgggtgcctg	180
ggctgcggcg	ccgggcgggg	cacggcggga	cttttcggga	cctttccttg	ggggagcctc	240
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tgagaccag	aagggagcga	aggtttttgc	tgcgccaacg	cagtgaccga	aggctccgct	360
cacgcccggc	ctgatcctgc	ctgaagatgg	tgccactggt	ggctgtggta	tcaggggccc	420
gtgcccagct	ctttgcctgc	ctgctcaggc	tgggcactca	gcaggtcggc	ccccttcagc	480
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gtgccaacaa	attgtcctca	tctggctgct	ccacggcaag	tgtgattcca	tctgggtgtag	720
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ggtgacccaaa	tgccctccctt	ttcagtacct	ttgaacagca	accatgtggg	ctactcatga	1920
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ttgtcactga	aaaaaaaaa					1999

<210> 7621

<211> 5824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (354)...(3004)

<223> similar to gi2224699 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7621

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tcctcagagg	aggaggcggg	accggccggg	cacctcacct	ctcggcggcg	gcggcgggcg	180
cggcgggcggc	ggcgggcggc	cggggaggcg	gcgccgcccc	ctgcccgcgg	tcttctcagc	240
gcagtcggggc	gcggaccgc	tggtcgccgg	cagcggccaa	ggctactggg	gcggggagcag	300
tgggcccggc	ggcggcggca	gcggcagcgg	cggaggagga	ggaggctgga	gtgggcgcgg	360
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caat						5824

<210> 7622

<211> 1695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (194)...(443)

<223> similar to gil345531 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7622

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cttctgggtc	cttctgatga	tgggcgtgct	tttctgctgc	ggagccggct	tcttcatccg	180
gaggcgcagt	tacccccgc	cgctgatcga	ggagccagcc	ttcaatgtgt	cctacaccag	240
gcagccccca	aatccccggc	caggagccca	gcagccgggg	ccgccctatt	acaccgaccc	300
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tgcactgacc	atgttgtcat	aattagaata	aagaagaagt	ggtcggaaat	gcacattcct	1620
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agcggggagc	tagtt					1695

<210> 7623

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (370)...(816)

<223> similar to gi3900848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7623

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gagtggctta	gtccttgtca	tgctgccaa	tgcaagggcc	tttccatgct	cagaatcacc	300
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gctccagcca	tggcgcgttc	gctcgtccac	gacaccgtgt	tctactgct	gagtgtatac	420
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ggccaaggag	ctccaggcct	catgggtaat	atgaaccctg	agggcggtgt	gaaccacgag	540
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cggcagcagc	cgcagccccc	gccggaggag	ccggcccagg	cggccatgga	gggtccgcag	660
cccgagaaca	tgcagccacg	aactcggcgc	acgaagttca	cgctgttgca	ggtggaggag	720
ctggaaagtg	ttttccgaca	cactcaatac	cctgatgtgc	ccacaagaag	ggaacttgcc	780
gaaaacttag	gtgtgactga	agacaaagtg	cgggtttggg	ttagaataa	aagggccaga	840
tgtaggcgac	atcagagaga	attaatgctc	gccaatgaac	tacgtgctga	cccagacgac	900
tgtgtctaca	tcgtcgtgga	ctagcc				926

<210> 7624

<211> 2872

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (192)...(2392)

<223> similar to gi498723 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7624
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tcgtagctaa gacgccaggg catcccggaa gctgggaaat gggactgttg acattcaggg     180
atgtggccgt agaattctct ttggaggagt gggaaacacct ggaaccagct cagaagaatt     240
tgtatcagga tgtgatgtta gaaaactaca gaaacctggg ctctctgggt cttgtttgtct     300
ctaagccgga cctgatcacc tttttggaac aaaggaaaga gccttggaat gtgaagagtgt     360
aggagacagt agccatccag ccagatgtgt tttcgcatta taacaaggac ctggttgacag     420
agcactgcac agaagcttca ttccaaaaag tgatatcgag gagacatggg agctgtgatc     480
ttgagaattt acatttaaga aaaagggtgga aaaggaggga gtgtgaaggg cacaatggat     540
gttatgatga aaagactttt aaatatgatc aatttgatga atcctctgtt gaaagtttgt     600
ttcaccagca aatactttct tcttggtcca aaagctataa ctttgatcaa tataggaagg     660
tctttactca ttcattcattg cttaatcaac aagaggaaat agatatttgg ggaaaacatc     720
acatatatga taaaacttca gtgttattta ggcagggtctc tactctaaat agttaccgaa     780
atgtttttat tggagagaaa aattatcatt gcaataattc tgaaaaaacc ttgaaccaa     840
gctcaagccc taaaaatcat caggaaaatt attttctaga aaaacaatac aaatgtaaag     900
aatttgagga agtctttctt cagagtatgc atgggcaaga gaaacaagaa cagtcttaca     960
aatgtaataa atgtgtagaa gttgtaccc agtcattaaa acatattcaa catcagacca    1020
tccatatcag agaaaactca tatagctata acaaatatga taaagatctt agtcagtcac    1080
caaactcttag aaagcagata atccataatg aagagaaacc atacaaatgt gaaaaatgtg    1140
gggatagctt aaaccatagt ttgcacctta ctcaacatca gatcattcct accgaagaga    1200
aaccctataa atggaaagaa tgtggcaagg tctttaacct taactgtagt ttatacctta    1260
ctaaacagca gcaaattgat actggagaaa acctttacaa atgtaaagca tgtagcaa     1320
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acaaatgtaa agaattgtggc aaagcctttc gctgtagttc ataccttact aaacataagc     1440
gaattcatac tggagagaaa cttataaat gttaaagaatg tggaaaagct tttaaccgta     1500
gttcatgcct tactcaacat cagacaactc atacaggaga aaaactttac aaatgtaaag     1560
tatgtagcaa atcttatgct cgttcttcaa atcttattat gcatcagaga gttcatactg     1620
gagagaagcc ttataaatgt aaagaatgtg gcaaagtctt tagccgtagt tcttgccctta     1680
ctcaacatcg gaaaattcat actggagaaa atctttacaa atgcaaagta tgtgctaaac     1740
cttttacttg tttctcaaat cttattgtgc attagagaat ttactactgga gagaaacctt     1800
ataaatgtaa agaattgtggc aaagcctttc cttatagttc acaccttatt cgacatcatc     1860
gaattcatac tggagaaaaa ccatacaaat gttaaagcatg tagcaaactt tttagtga     1920
cctcaggtct tactgtgcat cggcgaactc atactggaga gaaaccctat acatgtaaag     1980
aatgtggcaa agcctttagt tatagttcag atgttattca gcatcggaga attcatactg     2040
gccagagacc ctacaaatgt gaagaatgtg gcaaagcctt caactatagg tcatacctca     2100
ctacacatca aagaagtcac actggagaga gaccctacaa atgtgaagaa tgtggcaaag     2160
ccttcaactc taggtcatac ctactacac atcggagaag acatactgga gagagaccct     2220
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gaagtcatag tggagagaga ccctacaaat gtgaagaatg tggcaaagcc ttttaactcta     2340
ggtcatacct cattgcacat cagagaagtc atactagaga aaaactttta aaatgtaaaa     2400
catggagcag attttttact tgttacccat gtcttattgt gcatcagata atttatatgg     2460
gagtgaacc ctacaaatgt taagaatgtg gcataacctt taactatttt caagccttac     2520
acaatagcag agaataataa ctgaaaaaat ccatacaaat attaaaaatg tggcaaatta     2580
ttttaaactg tgctcaacct ttactcaaga taatccatac tagagaaaca ctatagatgt     2640
aaaaatgtga aaagttttat tcaaaatata aaacttatga gtcacctagg ggttcataga     2700
aaaagggaagt ttgcagatgc aataaatgtg aggaagtatt taataaaaaa tgaagtctaa     2760
atgtgtcaga gaatttatgt gagaaaggac taaagcacag acactttcag cctttatact     2820
aaataagagt atttttgctc agatatctta aggcaataaa tagtatttat tg             2872

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<210> 7625
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(641)
 <223> similar to gi5326828 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7625

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ggaccctacc	tgacccatca	gcaaaagggt	ttgcggtttt	ataagcgggc	gctacgccac	180
ctcgagtcgt	ggtgctcca	gagagacaaa	taccgatact	ttgcttggtt	gatgagagcc	240
cggtttgaag	aacataagaa	tgaaaaggat	atggcggaag	ccacccagct	gctgaaggag	300
gccgaggaag	aattctggta	ccgtcagcat	ccacagccat	acatcttccc	tgactctcct	360
gggggcacct	cctatgagag	atacgattgc	tacaagggtc	cagaatgggt	cttagatgac	420
tggcatcctt	ctgagaaggc	aatgtatcct	gattactttg	ccaagagaga	acagtgggaag	480
aaactgcgga	gggaaagctg	ggaacgagag	gttaagcagc	tgcaggagga	aacgccacct	540
ggtggtcctt	taactgaagc	tttgccccct	gcccgaagag	aagggtgatt	gccccactg	600
tggtggtata	ttgtgaccag	acccggggag	cggcccatgt	agaaagagag	agacctcatc	660
tttcatgctt	gcaagtgaag	tatgttacag	aacatgcact	tgccctaata	aaaaatcagt	720
gaaatggtca	aaaaaaaaaa					739

<210> 7626
 <211> 997
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (846)...(161)
 <223> similar to gi573114 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7626

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cctactgtgt	gcattggctg	ggcaaggggt	ggtgttgagg	gtagagttag	cgttgctggc	120
agggggagcc	ggggtggatg	tgaagcagcc	cacaggctcag	gcctccatat	ctggaaagag	180
caggaacccg	gaaaagatgc	tggtggcacc	ctccatgccc	agtagtgagt	tcttgctcgt	240
ggcctgcagg	aagacgttct	ccccctgtct	cagcttgagg	accatgccac	cgggtgtgac	300
ctggaagggt	ttgtaggcat	agtcacagaa	ggtgaccacc	ttctgtgcac	gctcccgccc	360

acgcatgagg	ttcacgcaca	ggttccctcg	agagctggcg	tggtaggtga	agtagtagag	420
accgggcacc	ttgcaggtga	acttgccact	gcggggctca	taattgttgt	tcatgttggt	480
gatcacgtgg	tcgaagcgga	tggtctggtc	ccggcgagg	gggacgttga	tggttcttgt	540
ggcagagaag	gcgattttct	gggtggcctt	gtagtctccc	gattcacctt	tggggcctgg	600
ggctccaggg	gcccctgggc	cacctttagg	gcccattggg	cccttggggc	cgacttttcc	660
tggattccca	ggaatccctg	ggtctccctt	ctctccgaac	tcaccatggg	ctccagccag	720
ccctggaagc	cctttctctc	cttttatecc	tggggctcca	ggttggccat	cggggccagg	780
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ctgggagata	tcgattaggc	ccaggagcag	gagcaacatc	agtactggga	tgctgcccc	900
tgggatcttc	atcatcatac	tgtgtcagac	gcctcctggg	aagctggtgt	cctgtgaggc	960
cactgggctg	agcagcagtg	ggaccaggag	ccgagag			997

<210> 7627

<211> 3764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (411)...(3263)

<223> similar to gi5881961 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7627

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cgcaactcag	acgcgctcgg	cctcgcgctc	cggggctggg	accaccgagg	gcgagctgca	120
gccttcgcca	cccgttcggc	cgccggactc	cgctcccac	aaacagccc	gcaaggccct	180
tttcgccc	tccctcatcc	agcgaagcct	ccttcccagc	ttccccggcg	gcggcgccgt	240
gacgtcactt	ccgttctcca	gcgcgcacgt	gggaggaagt	gctggtgccc	tctgccgctg	300
ctcccgtctc	tttggttacg	ctcgtcagcc	gctggctcag	ccgcaagtac	ccgtccatca	360
tagtcaactg	cgtggaagag	aaggtgagga	ggcgccagcc	gtgtgccgct	atgggagtcc	420
cggcgcttct	ccgctggctc	agccgcaagt	acccgtccat	catagtcaac	tgctggaag	480
agaagccaaa	agaattcaat	ggtgtaaaaga	ttccagttga	tgccagtaaa	cctaatacaa	540
atgatgtgga	gtttgataat	ctgtatttgg	atatgaatgg	aatcatccat	ccctgtactc	600
atcctgaaga	caaaccagca	caaaaaaatg	aagatgaaat	gatggttgca	atttttgagt	660
acattgacag	acttttcagt	attgtaagac	caagaagact	tctctacatg	gcaatagatg	720
gagtgccacc	acgtgctaaa	atgaaccagc	agcgttcaag	gaggttcagg	gcatcaaaag	780
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gctttcttcc	tccagaagaa	ataaaaagaa	gatttgacag	caactgtatt	acaccaggaa	900
ctgaattcat	ggacaatctt	gctaaatgcc	ttcgctatta	catagctgat	cgtttaaata	960
atgaccctgg	gtggaaaaaat	ttgacagtta	ttttatctga	tgctagtgtc	cctggtgaag	1020
gagaacataa	aatcatggat	tacattagaa	ggcaaagagc	ccagcctaac	catgacccaa	1080
atactcatca	ttgtttatgt	ggagcagatg	ctgatctcat	tatgcttggc	cttgccacac	1140
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gtctttgtaa	tcagtttggg	catgaggtca	aagattgtga	aggtttgcca	agagaaaaga	1260
aggggaaagca	tgatgaactt	gccgatagtc	ttccttgtgc	agaaggagag	tttatcttcc	1320
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<210> 7628

<211> 3217

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3218)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3076)...(2478)

<223> similar to gi4885694 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tagagcagag	gagtaactca	ggttatactg	taactcaaaa	gcaatactac	tagaaaactt	180
aaaacaccta	gcactgcata	aagaaaaaaa	gcaggacaaa	atttaaagag	aattagctac	240
agaaaaccat	tcaaaggcat	ttctactgcc	tcatctttta	ctccatcccc	ctttgaactg	300
gtttctgttt	gcatacttgt	ttggtgggaa	aaaaaatcat	atggctgtcc	caggcacaat	360
atgggaaagt	gcaaactgtc	tctaaggcac	agaacttaga	ttctcagcca	gattaatagc	420
aaatctagac	ttcccaaggg	aatatgctag	agaaaatgac	cacagcgttc	cactgctagg	480
gaaaggctcc	cctatgaaca	agaccagggc	actcaccac	ccccggcact	cactttcacc	540
ccaccttctc	agcaacctgc	ccatgtccat	cagctccatg	gcagaagcaa	tcctcatgat	600
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agcttccaat	caatggtgaa	aatgatacat	gggatataag	ctgctaccag	cgcaattaag	2160
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ataaaatcac	tcctagatcc	tatctaaaag	gcaatgccac	tctccaaatg	tacaaggaaa	2340
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ttggaatgca	tccccacctg	ctgccctcct	tctaatttct	tgttcaactt	ctgcagttgg	2640
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agaccctgca	atctctcaac	ctccacctgc	agagagctgc	acgcacacgc	aggaggagtc	2760
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acttgggggt	tgtgttccaa	aggagcttca	gaggccactt	tgagtccttg	cagctcttca	2880
tagggcaggg	tatctttctc	agattctgaa	aacgctgcac	tgagaggaga	tgggctgtca	2940
ggcattgggg	taaattctgc	attttccagc	tcctttcgaa	gccagccagg	acaggagctg	3000
ctggcccat	tactgttccc	catggcctct	gtgggactga	ttaaaccttc	cattcctcgg	3060
tctgcttcca	ttgttcctcg	gaagcctcca	cttgggtcag	gagtttcaga	ttcctgctga	3120

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ctgtcctctt cttcaccacc gccgccccg ccgcccgnnc gcntgggtcg ncgcggggtgc 3180
gaagaccacac ctacaggact ctcattaggg agcggcg 3217

```

```

<210> 7629
<211> 1427
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (122)...(673)
<223> similar to gi3288888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 7629
acgcacgcaa gcgggtccag ggtacgtccc cgccacgcgc gctcgcagga tcggtgcgtg 60
gtgacgtttc gccggcgcg gcgccatccc ggaagcgcg gcaaggccgc cagatgtgca 120
ggcagcggag gaggagaaa agatggacct cccggactcg gcctcgaggg tcttctgcgg 180
ccgcatcctg agcatggtga acacagatga tgtcaacgcc atcatcctgg ccagaagaa 240
catgctggac cgctttgaga agaccaatga gatgctgctc aacttcaaca acctgtccag 300
tgcccgcctg cagcagatga gcgaacgctt cctgcaccac acgaggacc tagtagagat 360
gaaacgggac ctggacagca tcttcgcgc tatcaggacg ctgaaagga aactggccag 420
gcagaccca gaggccttca gccatatccc agaggcatcc ttcttgagg aagaggatga 480
agaccccatc ccaccagca ccacgaccac cattgccacc tcagaacaga gcacgggctc 540
atgtgacacc agccccgaca ccgtctcgcc ctcctgagc cccggcttcg aggacctgtc 600
ccatgtccag cctggctccc cagccatcaa cggccgcagc cagacagatg acgaggagat 660
gacgggcgaa tagccctgct gcccggtgcc ttgaggggt ctcagggcag cagcatacaa 720
ggtggcagcg ggtaaccctg ccttgttctg tcatccagg ctcccttgct gcccgttct 780
gtcaccagg gctcctagg ggacaaggct ctctcccag ggtgtggaa ttctggggg 840
ggtctttaat tctgggtccc ttccttctc agaacatctc tattctgcaa gacctctctg 900
ccatgccagg gcacgcccac tccagctgga gtcgtggggc tgggcacagg ggaatttttc 960
cagagctgag cctgacgtct gctctgaaga atgcttagaa ggttcccaga caccagagcc 1020
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ttcaccacag cccacccccg caccactaa ttctgtttt cctgcccctt gctccgtaaa 1140
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agacggaggg tggccatcca ttcagccctg agcgtgctga gttctgtgt tctctgaata 1260
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ccacctcggg aaagagttta atggaatatt tttgtaccg atgtttacag atgctgttg 1380
gaagttatca ataaaaagac accattacta aaaaggga aaaaaaa 1427

```

```

<210> 7630
<211> 1077
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (927)...(513)
 <223> similar to gi3395582 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7630

tttttttttt	ttgattataa	agcaagttta	ttctgaagag	ggattgtctt	atgtttacgc	60
acaggggaaga	aataagagga	aaccctcttt	tcaacctctt	ttccccctca	cagaaccgag	120
tccccaagtt	ctcagcaaca	tcatgcagtg	cttcagcgcc	tttactgggg	accaaagatg	180
ttaggatcgt	gaagggtcag	actggtcacc	agctgttcaa	agtcacccag	gctccagggt	240
gcaggtgaca	gatttttcggg	gccaagagat	gacctgttgt	cagggccttg	ggtgggggaa	300
cagatggaga	cagaacatca	tccaggcctg	aggtttgga	attgccaatt	cctgttcccc	360
agaggacctg	ggtatcagtt	accccaaacc	tctggcccac	tctgcttcc	ttggaggatc	420
ccaccagtga	gtctccctgt	tctgtccctc	ccagcccgat	tctcctggga	accagtcac	480
gagatacccg	cccgttccct	cctccttacg	ggggctgatt	gaaggtaagc	aagagatcag	540
tctggtactg	gggcagcctc	agcaaggcct	gatgaagtgt	cacgtccttt	gctacctgct	600
ggttttcctt	agctatctgc	tgcttgccag	agaggaccca	ggcttcttga	cagcggcccc	660
tcagggccag	gttctccaaa	ctgagaggct	gaacagactc	cacatggaca	gccctagccc	720
cctgcacgcc	accaacatcc	tcaaagtgg	accgcgcagc	cgcttcgccc	cgtacgtggg	780
cctgcagctc	gagaagttcc	actatcaggc	tctgggtcgt	cacgggatgg	cagaaaactt	840
cttgattgtc	cgggaccggt	cggaggtcgc	ttacgtcaat	ggcccccatg	gggaggatgg	900
cggaaaaggc	gccccgaac	agcgggcagt	ctctcgtggg	ctccatgggt	ctgaggctgg	960
gttatgggca	ttagaaaagg	ttaaaagaag	tccacattgg	gtcacgtggc	atcggtcccc	1020
tgggtttcgc	agctgccacc	gccaccggg	tctggcttag	ctcccgatc	ctttaag	1077

<210> 7631
 <211> 1792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (122)...(1119)
 <223> similar to gi780261 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7631

attgatgcct	tcggaccgcc	cgttgagccc	gtcgaccac	gcgtccgccg	gatctcattg	60
ccacgcgccc	ccgacgaccg	cccagcgtgc	attcccatt	ccttttggtt	ccaagtccaa	120
tatggcaact	ctaaaggatc	agctgattta	taatcttcta	aaggaagaac	agacccccca	180
gaataagatt	acagttgttg	gggttggtgc	tggtggcatg	gcctgtgcca	tcagtatctt	240
aatgaaggac	ttggcagatg	aacttgctct	tggtgatgtc	atcgaagaca	aattgaaggg	300
agagatgatg	gatctccaac	atggcagcct	tttccttaga	acaccaaaga	ttgtctctgg	360
caaagactat	aatgtaactg	caaactccaa	gctggtcatt	atcacggctg	gggcacgtca	420
gcaagaggga	gaaagccgtc	ttaatttggt	ccagcgtaac	gtgaacatct	ttaaattcat	480
cattccta	gttgtaaaat	acagcccga	ctgcaagttg	cttattgttt	caaatccagt	540
ggatatcttg	acctacgtgg	cttggaagat	aagtggtttt	cccaaaaacc	gtgttattgg	600

aagtgggttc	aatctggatt	cagccccgatt	ccgttacctg	atgggggaaa	ggctgggagt	660
tcaccatta	agctgtcatg	ggtgggtcct	tggggaacat	ggagattcca	gtgtgcctgt	720
atggagtga	atgaatgttg	ctggtgtctc	tctgaagact	ctgcaccag	atthagggac	780
tgataaagat	aaggaacagt	ggaaagaggt	tcacaagcag	gtggttgaga	gtgcttatga	840
ggtgatcaaa	ctcaaaggct	acacatcctg	ggctattgga	ctctctgtag	cagatttggc	900
agagagtata	atgaagaatc	ttaggcgggt	gcaccagtt	tccaccatga	ttaagggctc	960
ttacggaata	aaggatgatg	tcttccttag	tgttccttgc	atthtgggac	agaatggaat	1020
ctcagacctt	gtgaagggtga	ctctgacttc	tgaggaagag	gcccgtttga	agaagagtgc	1080
agatacactt	tgggggatcc	aaaaggagct	gcaattttaa	agtcttctga	tgtcatatca	1140
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agttagaaat	aagaatgggt	tgtaaaatcc	acagctatat	cctgatgctg	gatggtatta	1320
atcttgatga	gtcttcaact	ggttagtgtg	aaatagttct	gccacctctg	acgcaccact	1380
gccaatgctg	tacgtactgc	atthtcccc	tgagccaggt	ggatgtttac	cgtgtgttat	1440
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cttattttgt	gaactatatc	agtagtgtac	attaccatat	aatgtaaaaa	gatctacata	1620
caaacaatgc	aaccaactat	ccaagtgtta	taccaactaa	aacccccaat	aaaccttgaa	1680
cagtgaaaaa	aaaaaaaaaag	gggcggccgt	tttaaggat	ccttgggggg	gcccaagttt	1740
acgcgggcat	gcaaggtaat	agctttttcc	ttataggag	ccgtattata	ac	1792

<210> 7632

<211> 2271

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(1624)

<223> similar to gil79458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7632

tttcgtgccc	cctccgagag	gggagaccag	cgggccatga	caagctccag	gctttggttt	60
tcgctgctgc	tggcggcagc	gttcgcagga	cgggcgacgg	ccctctggcc	ctggcctcag	120
aacttccaaa	cctccgacca	gcgtacgtc	ctttaccgga	acaactttca	attccagtac	180
gatgtcagct	cggccgcgca	gcccggctgc	tcagtcctcg	acgaggcctt	ccagcgctat	240
cgtgacctgc	ttttcggttc	cgggtccttg	ccccgtcctt	acctcacagg	gaaacggcat	300
acactggaga	agaatgtgtt	ggttgtctct	gtagtcacac	ctggatgtaa	ccagcttctt	360
actttggagt	cagtggagaa	ttataccctg	accataaatg	atgaccagtg	tttactcctc	420
tctgagactg	tctggggagc	tctccgaggt	ctggagactt	ttagccagct	tgtttggaaa	480
tctgctgagg	gcacattctt	tatcaacaag	actgagattg	aggactttcc	ccgctttcct	540
caccggggct	tgctgttgga	tacatctcgc	cattacctgc	cactctctag	catcctggac	600
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ccttccttcc	catatgagag	cttcactttt	ccagagctca	tgagaaaggg	gtcctacaac	720
cctgtcaccc	acatctacac	agcacaggat	gtgaaggagg	tcattgaata	cgcacggctc	780
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ggtatccctg	gattactgac	tccttgctac	tctgggtctg	agccctctgg	cacctttgga	900
ccagtgaatc	ccagtctcaa	taatacctat	gagttcatga	gcacattctt	cttagaagtc	960
agctctgtct	tcccagattt	ttatcttcat	cttgaggagg	atgaggttga	tttcacctgc	1020

tggaagtcca	acccagagat	ccaggacttt	atgaggaaga	aaggcttcgg	tgaggacttc	1080
aagcagctgg	agtccttcta	catccagacg	ctgctggaca	tcgtctcttc	ttatggcaag	1140
ggctatgtgg	tgtggcagga	ggtgtttgat	aataaagtaa	agattcagcc	agacacaatc	1200
atacaggtgt	ggcgagagga	tattccagtg	aactatatga	aggagctgga	actggtcacc	1260
aaggccggct	tccgggccct	tctctctgcc	ccctggtacc	tgaaccgtat	atcctatggc	1320
cctgactgga	aggatttcta	cgtagtggaa	cccctggcat	ttgaaggtag	ccctgagcag	1380
aaggctctgg	tgattggtgg	agaggcttgt	atgtggggag	aatatgtgga	caacacaaac	1440
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cagggtaagc	gcacagccca	ggctggagtc	agtgtctgcc	cctgaggtct	tttaagttga	1920
gggctgggaa	tgaacacctat	agcctttgtg	ctgttctgcc	ttgcctgtga	gctatgtcac	1980
tcccccccca	ctcctgacca	tattccagac	acctgcccta	atcctcagcc	tgctcacttc	2040
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gttctggaca	gtggggaggg	ctccagaccc	aacctgggtc	caaaagagcc	tctcccccat	2160
gcatactcat	ccacctccct	cccctagagc	tattctcctt	tgggtttctt	gctgctgcaa	2220
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<210> 7633

<211> 2108

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (383)...(1651)

<223> similar to gi3878584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7633

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agagcattgg	gcgttgca	ttcctgaggg	ccgctggcca	attggcgcg	tcgtctgaat	120
ggcgtttggc	gcggagcagt	gacggctgcg	ataatagcga	ggcagcagtg	cagctttcag	180
agggtcgggg	ctcagagggg	ctatgattcg	gagggttctg	ccgcacggca	tgggcccggg	240
cctcttgacc	cggaggccag	gcacgcgcag	aggaggcttt	tctctggact	gggatggaaa	300
ggtgtctgag	attaagaaga	agatcaagtc	gacctctgct	ggaaggctct	gtgatctact	360
gcaagacacc	agccacctgc	ctcccagaca	ctcgatgtg	gtgatcgtgg	gaggtggggg	420
gcttggcttg	tctgtggcct	attggctgaa	gaagctggag	agcagacgag	gtgctattcg	480
agtgcctagt	gtggaacggg	accacacgta	ttcacaggcc	tccactgggc	tctcagtagg	540
tgggatttgt	cagcagttct	cattgcctga	gaacatccag	ctctccctct	tttcagccag	600
ctttctacgg	aacatcaatg	agtacctgga	cgtagctgat	gtcctcccc	tggacctccg	660
gttcaacccc	tcgggctacc	tcttgctggc	ttcagaaaa	gatgctgcag	ccatggagag	720
caacgtgaaa	gtgcagaggc	aggagggagc	caaagtctct	ctgatgtctc	ctgatcagct	780
tcggaacaag	tttccctgga	taaacacaga	gggagtggct	ttggcgtctt	atgggatgga	840
ggacgaaggt	tggtttgacc	cctggtgtct	gctccagggg	cttcggcgaa	aggtccagtc	900
cttgggagtc	cttttctgcc	agggagaggt	gacacgtttt	gtctcttcat	ctcaacgcat	960

gttgaccaca	gatgacaaaag	cggtggtcct	gaaaaggatc	catgaagtcc	atgtgaagat	1020
ggaccgcagc	ctggagtacc	agcctgtgga	atgcgccatt	gtgatcaacg	cagccggagc	1080
ctggtctgcg	caaatcgcag	cactggctgg	tgttgagag	gggccgcctg	gcaccctgca	1140
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ggcgaacctg	gaagtggacc	atgatttctt	ccaggacaag	gtgtggcccc	atttggccct	1380
gagggctcca	gcttttgaga	ctctgaaggt	tcagagcgcc	tgggccggct	attacgacta	1440
caacaccttt	gaccagaatg	gcgtggtggg	ccccacccg	ctagttgtca	acatgtactt	1500
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gggatectag	gactgatctg	tagcccatgc	tgatgtcacc	caccagggca	atccatctgg	1920
aggcctgagc	accctggccc	aggactggct	tcctcctggc	actgaccagg	aaagactgcc	1980
tctgaccctc	ttagcagaca	gagcccaggc	atgggagcac	tctggggcag	cctggctcag	2040
gtttattgat	tttcgtctgt	ttaccctatc	cattaatcaa	tacatgtaat	taactcctaa	2100
aaaaaaaa						2108

<210> 7634

<211> 1464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (729)...(1335)

<223> similar to gi757907 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7634

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tgcccccttt	tggaaatgtg	cctgcgtcca	gggctggggt	ggggcccat	tgaactttgg	180
ctctgacaca	gctgttgcca	cactcaacgg	aactgaatct	atgtttgtct	tccccggcat	240
ccttcacccc	aactctcccc	gccacaacat	acatcccatg	ccagcctggg	gaccctcaaa	300
ggtggcttca	tcattaggtt	tgtggctggg	tcctactgaa	gtaagtcttg	gcactcagag	360
ggataggaat	tgaatgaaga	catgagattc	ctctgcggga	ggcctctcta	ggaaatctgt	420
ggactcacac	gtttactaat	gttgctgcag	ccccgcaccc	accttggcct	tgggcagcca	480
tactctaggg	cttttgtaac	ctctccatgt	gaggaaactca	aattagacct	gggtttggag	540
gcggtgctcc	gagctggcct	ttgggggagg	ttttgtgcga	ggcatttccc	aagtgcctggc	600
aggattgtgt	cacagacaca	gagtaaaact	ttgctgggct	ccaagtgacc	gccccatgtt	660
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gtctcagtat	ggcgtgtctc	tgggttctta	cagtcctgag	cctcctacct	ctgtgggaag	780
cccagatccc	attgtgtgcc	aacctagtag	cggtgcccat	caccaacgcc	accctggacc	840
ggatcactgg	caagtggttt	tatatcgcat	cggcctttcg	aaacgaggag	tacaataagt	900
cggttcagga	gatccaagca	accttctttt	acttcacccc	caacaagaca	gaggacacga	960
tctttctcag	agagtaccag	acccgacagg	accagtgcac	ctataacacc	acctacctga	1020

atgtccagcg	ggaaaatggg	accatctcca	gatacgtggg	aggccaagag	catttcgctc	1080
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agaactgggg	gctgtctgtc	tatgctgaca	agccagagac	gaccaaggag	caactgggag	1200
agttctacga	agctctcgac	tgcttgcgca	ttcccaagtc	agatgtcgtg	tacaccgatt	1260
ggaaaaagga	taagtgtgag	ccactggaga	agcagcacga	gaaggagagg	aaacaggagg	1320
aggggggaatc	ctagcaggac	acagccttgg	atcaggacag	agacttgggg	gccatcctgc	1380
ccctccaacc	cgacatgtgt	acctcagctt	tttcctcac	ttgcatcaat	aaagcttctg	1440
tgtttggaac	agctaaaaaa	aaaa				1464

<210> 7635

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (387)...(634)

<223> similar to gi2772565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7635

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gttgaggcag	gaagatcact	tgagcccagg	agtttgaggt	tgacgtgagc	tatgattgtg	120
ccactgtatt	ccagcctggg	cagcagagtg	agatgctatt	tcaaaaaaat	aaagtaaatt	180
aaaaaaaaat	aagagccttt	gatggcaaat	gtagaaaaaa	tatgtaaata	aaaacatttg	240
cacttttaaa	taggtcatcc	tgtcccaaag	aggtagtgtt	tcccccaata	cccacagccc	300
ctcacacagg	cgtgtgcgca	cacactcacg	gctcatggat	cctgttttgg	tgaaccggac	360
tgacttcttc	ttgcctgccca	ctccagggtga	tgatgaccaa	acggaccaa	gacatgggca	420
agttcagttc	tgtcaccgtg	tctaccattg	atgaagagga	agaggagatt	gaggctaggg	480
aagttgctga	ctcatatgca	cagaatgccca	aagtgattga	aaaacagctg	gagcgcaaag	540
gcatgagcaa	gaggcgactg	caagagctgg	ctgaattgga	agccaagaaa	gcgaaaatga	600
aggggacctt	gattgacaac	cagttcaaat	aaccaggcct	ttttctaagc	cctagactag	660
aggcaagcat	ttagatcagg	aggcaaagta	atttcttgat	tacatagacg	gattcctatt	720
tatgccctag	cagaaggctt	tacgttggtt	cccattgatt	ctcctacatt	cagtgaggtc	780
tttaactgag	tccatttaac	ttgctttctt	tttttttttg	gaaacaaagc	tttgtttttt	840
cccccaggag	ggagggcagg	gggctaaaat	ggccccactg	aacccacccc	ctctagcctg	900
gggaaaaaat	tgagactttg	tcttttcaaa	aaaaaaa			937

<210> 7636

<211> 1609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(1078)

<223> similar to gi1922935 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7636

tccgtagtgg	gctaaggggg	agggtttcaa	agggagcgca	cttccgctgc	cctttctttc	60
gccagcctta	cgggcccgaa	ccctcgtgtg	aaggggtgcag	tacctaagcc	ggagcgggggt	120
agaggcgggc	cggcaccccc	ttctgacctc	cagtgcgcgc	ggcctcaaga	tcagacatgg	180
cccagaactt	gaaggacttg	gcgggacggc	tgcccgcggg	gccccggggc	atgggcacgg	240
ccctgaagct	ggtgctgggg	gccggcgccg	tggcctacgg	tgtgcgcgaa	tctgtgttca	300
ccgtggaagg	cgggcacaga	gccatcttct	tcaatcggat	cgggtggagt	cagcaggaca	360
ctatcctggc	cgagggcctt	cacttcagga	tcccttggtt	ccagtacccc	attatctatg	420
acattcgggc	cagacctcga	aaaatctcct	cccctacagg	ctccaaagac	ctacagatgg	480
tgaatatctc	cctgcgagt	ttgtctcgac	ccaatgctca	ggagcttcct	agcatgtacc	540
agcgccctag	gctggactac	gaggaacgag	tgttgccgtc	cattgtcaac	gaggtgctca	600
agagtgtggt	ggccaagttc	aatgcctcac	agctgatcac	ccagcggggc	caggtatccc	660
tgttgatccg	ccgggagctg	acagagaggg	ccaaggactt	cagcctcatc	ctggatgatg	720
tggccatcac	agagctgagc	tttagccgag	agtacacagc	tgctgtagaa	gccaaacaag	780
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ggcagaaaat	tgtgcaggcc	gaggggtgagg	ccgaggctgc	caagatgctt	ggagaagcac	900
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agtcaccaag	aactccaccc	ccagaggaag	tggatctgct	tctccagttt	ttgaggagcc	1140
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gttccctgaa	cccctcttgg	attaaggaag	actgaagact	agcccccttt	ctggggaatt	1260
actttcctcc	tcctgtgtt	aactggggct	gttggggaca	gtgcgtgatt	tctcagtgat	1320
ttctacagt	gttggtccct	ccctcaaggc	tgggaggaga	taaacaccaa	cccaggaatt	1380
ctcaataaat	ttttattact	taacctgaaa	aaaaaaaaaa	agggggggcc	gttttaaga	1440
atcaaatttt	acttccccgg	gcttgcaagg	taatagtttt	tttatggggc	cacctaaatt	1500
aaattcccgg	gccggctttt	aacaacgtgg	ggaggggaaa	aaccctgggg	taaccaaatt	1560
taatcgcttt	gaaaaaaatc	cccttttcgc	cagggggggg	aaaaaaaaaa		1609

<210> 7637

<211> 1945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(714)

<223> similar to gi488750 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7637

ggcacgagaa	cagatcagac	atthttgtaat	gatgcctgaa	ataaacacta	accacctcga	60
caagcaacag	gttcaactcc	tggcagagat	gtgtatcctt	attgatgaaa	atgacaataa	120
aattggagct	gagaccaaga	agaattgtca	cctgaacgag	aacattgaga	aaggattatt	180

gcatcgagct	tttagtgtct	tcttattcaa	caccgaaaat	aagcttctgc	tacagcaaag	240
atcagatgct	aagattacct	ttccagggtg	ttttacgaat	acgtgttgta	gtcatccatt	300
aagcaatcca	gccgagcttg	aggaaagtga	cgcccttgga	gtgaggcgag	cagcacagag	360
acggctgaaa	gctgagctag	gaattccctt	ggaagagggt	cctccagaag	aaattaatta	420
tttaacacga	attcactaca	aagctcagtc	tgatggtatc	tgggggtgaac	atgaaattga	480
ttacattttg	ttggtgagga	agaatgtaac	tttgaatcca	gatcccaatg	agattaaaag	540
ctattgttat	gtgtcaaagg	aagaactaaa	agaacttctg	aaaaaagcag	ccagtgggtga	600
aattaagata	acgccatggt	ttaaaattat	tgcagcgact	tttctcttta	aatggtggga	660
taacttaaat	catttgaatc	agtttggtga	ccatgagaaa	atatacagaa	tgtgaatatg	720
taggtaaatg	attacagaaa	aatttatctg	cttaacaaac	ttagaatgac	tttttccttt	780
taaatttagt	tctatcatta	atttatcatt	aaatttagtt	ctatcatttg	gtactatcat	840
taatgtatta	tatacactga	tactttaaaa	cttgtgtgga	aaaaactaac	ttataatttt	900
gtatcacaca	ccctggatat	gtgttctggt	tctaagcgac	atltgtgaga	gattattgta	960
aaatgagagc	gagcaaataa	aacttaattt	aatctttgca	gatacatact	tatgggaaat	1020
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ttgcagagga	cttgctattt	gccagggtgt	ttatgtatca	ttaaattttt	ctcatagttc	1140
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atattagcag	attaaactag	cagagcaggt	tcaaggga	ttaaatgata	tggaccctaa	1260
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ttaccagtta	gcaaagtctg	tgttttcaga	attacagtga	gcacagaggt	gttcataaaa	1440
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ggataaaacc	cctgtgggtg	ggtctgtgct	gtgcattgca	ggatgggtgag	cagcgtccct	1560
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caacaacaaa	ggcctgtgtt	aatgttaa	agatgagatt	atggaatgtg	tatattaatg	1740
ttaaaaattg	taccttgatc	aatgtacttt	ttataaaact	gccatagata	tctcagattt	1800
gaaacctcaa	gacagattta	ttattcttaa	atgctgtatg	ataatgaaga	aaaataaaaa	1860
tttatttctt	gcaaagttaa	atgtttgtta	aaattcaata	ggaatgactc	atlttatggg	1920
ttaaactttg	ggcaatttat	aattt				1945

<210> 7638

<211> 2288

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (314)...(916)

<223> similar to gi4559310 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7638

ggggttattg	aggaacatgg	cgttgctggt	gcgagtcctt	aggaaccaga	ctagcatttc	60
tcagtgggtt	ccagtatgca	gccgattgat	acctgtgtct	cctacccaag	gacaggggga	120
cagggctctg	tctcgactt	cccagtggcc	ccagatgagc	cagtccaag	catgtggtgg	180
atcagaacag	attcctggaa	tagacataca	gctgaatagg	aagtatcaca	ccacacgtaa	240
gctttctact	accaaagatt	ccccacagcc	tgttgaggag	aaggttggtg	ctttcacaaa	300
gataatagaa	gccatgggat	tcacgggacc	tttgaaatag	agtaaatgga	agattaagat	360
tgcgccctg	cgcatgtata	ctagctgtgt	ggagaaaact	gacttcgagg	aattctttct	420

aaggtgtcag	atgcctgata	cattcaattc	atggtttctt	ataaccctac	tccacgtctg	480
gatgtgtcta	gtccgaatga	agcaggaagg	cggagtgagg	aagtacatgt	gtcgtatcat	540
agttcatttt	atgtgggagg	atgttcagca	gcgcggcaga	gtcatggggg	ttaatcccta	600
tatcctgaag	aagaacatga	tcctcatgac	aaatcatttc	tatgcagcga	tcttgggata	660
tgatgagggg	atcctttcag	atgatcatgg	gctggccgct	gccctctgga	gaaccttctt	720
caaccggaaa	tgtgaagacc	ctcgacatct	tgaattgctg	gtagagtatg	tgaggaaaca	780
gatacagtac	ctggactcca	tgaacgggga	ggatctgctt	ctgacagggg	aggtgagctg	840
gcgcccctta	gtggagaaga	atcctcagag	catcctgaag	ccccattctc	cgacttacia	900
cgacgaggga	ctttgatggg	ctgggccctc	cgcacggccc	gccagctggc	ttcgaggaa	960
ctccaggaga	gaagtgcctg	ttggtccagg	accctgcaga	aagtggcctg	aactgacctc	1020
tgaacagcat	ctgtcaaata	cctggcccca	tttgtgttga	gtttcctctt	agtgtgccca	1080
ggagtctgat	ctgtgggggt	acagggctgg	gagaacctct	agctctccc	gggggtctc	1140
tcccttaggg	gaagccccga	gcagagagtc	ccccagcaca	cactccccca	acccctcca	1200
acaactacat	gtgactgata	gcttttccca	aaggccaagg	aaggggatgg	ggtaggtttc	1260
aaaagggaaa	ccccccaggg	gcctgctgtg	ggcttaggga	gcagattgta	atgctgccga	1320
gtccggtcgg	tgaccacgcg	ttgtccctcg	gctttcagcc	atgggggtga	gttggccatt	1380
aaaagaaaca	gagacttctc	tctgccatgg	cccttcttta	ttccagggac	ttagaaactt	1440
gcctgagatg	gtggacgcag	taatgagggc	accgcgcagc	tcagttagag	acggagaaa	1500
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agctttggtc	ccccttccca	acttctgaag	cacgtgctgc	agagccacct	tggtctgagc	1860
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aacttgctat	aaaatgagtc	atataaagaa	actctatatg	ggtgaggtat	atcccacttc	2040
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gcggagctct	agagtgaagc	ctcctgtgtg	tgtgtgagat	aataacacct	tgtaactcat	2160
tacagctggg	cactattttac	ataaaccaga	gctgagccag	gcaggaattt	gctgattaat	2220
ttatttttaa	tggagtgaag	tataccatgc	accaaataa	actttactgt	gtgtacctaa	2280
aaaaaaaa						2288

<210> 7639

<211> 2035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1935)...(1046)

<223> similar to gil78661 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7639

gaggaacgca	gggtgtcacg	cctgtttcag	tttccccaag	attcacgctg	aaaacgcccc	60
tctcccaagt	gatggcggtg	ggaagtgggg	gtctttggga	gtcatgaggc	ctcatggatg	120
ggatcagtgc	ccttacagaa	aggactccag	agagcacctc	ggcctcatcc	atcatctgag	180
gacacacagg	gagaaggcgc	catctagaag	ccaggaactg	ggtactcacc	agagactgaa	240
tctaccatac	cttggttttc	tgggacctcc	agcctccaga	gctgagacat	gagatcatac	300

aaatgctctc	agagagggta	cagtaagtgc	aggtgccctg	gggtcctcca	gcatttatca	360
gggagcccg	ctacacttct	gccagccttg	gtttctaccc	cccacctctt	cccagctgtg	420
accctgccct	ctgtgcccc	ggggtgctgg	ggaggaggca	gcactgcaga	ccaggaacgt	480
gggccagcca	cgggcagagc	gtggcccat	ctgcgtcccg	tgggcccagc	gcccattctcc	540
agaccccagg	ccgccctgtg	ggagaggtgc	gtggccaggc	aggaggacct	ctgcgtcctc	600
tgtttattgt	tttgacagc	gaggcccaac	atagaacata	ctcgccagta	ctcggtgtgtg	660
caaaacaggg	gctagcgtg	aagtacaaat	gggaaaacgt	gattcttttg	ttttaaataa	720
atacttagaa	cacgacttgg	ctcctacaag	catctggact	ctaggtctca	gtactggagt	780
gtctcaccca	tgggcccac	gcagggacgc	cacggttccc	tcccaccccg	tgatcaagac	840
acggaatcgg	ctgccgatgg	ttggatcgca	atgcgcccc	tttctagagc	cttccccggc	900
catctacagg	caggatgcgg	ctgggaaaaa	gacaactgga	atttctcgaa	ggttgatggt	960
ccgcacgggt	gaggattcta	cgtggttctc	ttggttcccc	tgggtgtgtg	gtgtgtgtgtg	1020
aggaggccgc	ggcccttaga	tcaccttctt	gagctcgtcg	tacaggacca	gcacgaaggc	1080
gccccccatg	ccccgcagga	cgttggacca	cgcacccttg	aagaaggcct	tgccccctc	1140
atctctgaag	atcttctctc	aacagtgcac	ggtgcccggtg	tacatgatgt	cagctccttt	1200
gcgcccggac	tgcacatcat	tgcgcgcgcg	caccgtgtcg	aaggggtagg	acaccacgcc	1260
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gtcggggagc	atgcccttgg	ccgtatcgta	cacgcgaag	taggcccggc	ggtagatgat	1380
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gtccgctgcc	aggcgggttc	tggcgaaatc	cagcgggtac	acgaagcaga	gggaggctgc	1560
gccggccgca	ccgccggagg	ccaggttgcc	cgcaaagtac	ctccagaact	gcgtgtgctt	1620
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cgtcttgagg	atggcggcgg	cgatgcctcc	ggccaagaag	tctttggcga	aggagatggc	1920
ctgttccgtc	atggtggcag	ggcgggcagc	ggaacgggag	gacagccgga	gaacgggcgc	1980
ggagagtga	tggagggcgt	cgtgggtca	gccctgccgc	cgcgggacgc	gtggg	2035

<210> 7640

<211> 1704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(1259)

<223> similar to gil724056 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7640

ttgacgctgc	tgaatccgcc	gagcaccct	ggcgtaacac	cgcgggccgt	caggggctgc	60
ggccccgggc	tgcgccctcc	cccgcggcca	ggctctggag	ggacccagga	gctgccggcg	120
gcctcagccc	atggccccga	ggtatgatga	gctgccgcac	taccagggca	tcgtggatgg	180
ccccgcagcc	ctggctagct	tcccagagac	agtgcccgca	gtaccagggc	cctatggccc	240
gcaccggcct	ccccagcccc	tgcccccagg	cttgacagc	gacggcctga	agaggagaaa	300
ggatgagatc	tatggacacc	cgctcttccc	cctcttggcc	ctggtctttg	agaaatgtga	360
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tgacgtctgc	tcctctgatt	ccttcaacga	ggacatcgct	gcctttgcc	agcaggttcg	480

ctctgagagg	cccctcttct	cctccaaccc	agaactggac	aatctggtga	tccaggccat	540
ccaggtgctg	cggttccacc	tgctggagct	ggagaaggctc	cacgacctgt	gcgacaactt	600
ctgtcaccgc	tacatcacct	gcctcaaggg	aaagatgccc	atcgacctgg	tcatcgagga	660
tcgggacggc	ggctgcaggg	aggacttcga	ggactaccca	gcctcctgcc	ccagcctccc	720
agaccagaat	aatatgtgga	ttcgagacca	tgaggatagt	gggtctgtac	atttggggac	780
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gcgagcctgg	ttgttccagc	acctctcgca	cccgtacccc	tcggaggagc	agaagaaaca	1020
gctggcgag	gacacggggc	tcaccatcct	gcaagtcaac	aactggttca	ttaacgcccg	1080
gagacgcata	gtgcaaccta	tgatcgatca	atccaaccgc	acagggcagg	gtgcagcctt	1140
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gcctccggga	tcagtgggga	tgagtttgaa	cttggaagga	gaatggcatt	atctatagag	1260
gctgatgcag	gagagaccca	gcctccggct	gtgacccccca	gcctcacacc	tgctctggt	1320
tccgcctgg	tcctccagct	tcaggacccc	acctccaaag	gcccctctgc	tcaatgccta	1380
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gagaagggac	ggggtggctg	ggcagtcagg	gaaggagggt	cgcccggatc	cgacattttg	1620
gagagattcc	ttcactctcc	tgtccccct	acctcccttc	tctaatttct	tctttttttt	1680
aatgataaag	tcttaaaaac	acgg				1704

<210> 7641

<211> 1440

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (364)...(1441)

<223> similar to gil724056 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7641

cctgcgggtcc	ccggtgtgtc	cgtctcgga	cggttcgatt	ccctccagag	ccggggaagg	60
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ccggcggtaa	tgcgtcctg	cccgtgaccc	ccgctggggg	cgggggccgg	ggtccatgcg	180
cggagtcccc	accgcgccc	gcgcctgccg	ctaacgacgg	cggggggtggg	ggggcgcgcg	240
cctgacctcc	tgcccacacc	ctggcgtaaa	caccgcgggc	cgtcaggggc	tgcgcccccg	300
ggctgcgccc	tccccgcgg	ccaggctctg	gagggaccca	ggagctgccg	ccggcctcag	360
cccattggccc	ggaggataga	tgagctgccg	cactaccag	gcacgtgga	tggccccgca	420
gccttggtga	gcttccaga	gacagtggcc	gcagtaccag	ggccctatgg	cccgcaccgg	480
cctccccagc	ccctgcccc	aggcttggac	agcgacggcc	tgaagaggga	gaaggatgag	540
atctatggac	accgcgtctt	ccccctcttg	gccttggctt	ttgagaaatg	tgaactggct	600
acatgctctc	cccgtgacgg	ggccggagct	gggctgggga	caccccctgg	aggtgacgtc	660
tgctcctctg	attccttcaa	cgaggacaac	actgcctttg	ccaagcagggt	tcgctctgag	720
aggccccctc	tctcctccaa	cccagaactg	gacaatctga	tgatccaggc	catccaagtg	780
ctgcgggtcc	acctgctgga	gctggagaag	ggaaagatgc	ccatcgacct	ggtcatcgag	840
gatcgggatg	gcggctgcag	ggaggacttc	gaggactacc	cagcctcctg	ccccagcctc	900
ccagaccaga	ataatatatg	gattcgagac	catgaggata	gcgggtctgt	acatttgggg	960

accccaggtc	catccagcgg	ggggctggcc	tcccagagt	gggacaactc	cagtgaccaa	1020
ggagtcgggc	tggacaccag	cgtggcctct	cccagttctg	gtggagaaga	tgaggacttg	1080
gaccaggagc	cacggcgaaa	caagaagagg	gggatcttcc	ccaaggtggc	caccaacatc	1140
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<210> 7642

<211> 2404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2043)...(665)

<223> similar to gi4092859 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7642

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aaggcaaagc	tgcctggagt	gtcagtcccg	gaggcatttg	cccctctccc	ccgggggcca	300
gccagggact	tcccagttca	ggaaggccac	aacacttggt	gcacattaat	tccgagcttg	360
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gcgc						2404

<210> 7643

<211> 3797

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2810)...(3031)

<223> similar to gi2970637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7643

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<210> 7644

<211> 5800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (581)...(2550)

<223> similar to gil098569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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attgattacc	ttgattaggg	cagttttatt	tccagatcct	aataattcct	aaaaaatatg	5220
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taatcagtta	gcttctacag	ttcttttgtc	tccttttata	tgcaagctct	acgtgggaga	5340
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aaatttttagt	tgattataag	ttagattttca	cagaatcagt	attgcccttg	atcttgcctt	5640
ttttatggag	ttaacgggga	ggaagacccc	tcaggaaaac	gaaagtaaat	tgtttaaggct	5700
catcttcata	cctttttcca	ttttgaatcc	tacaaaaata	ctgcaaaaaga	ctagtgaatg	5760
tttaaaatta	cactagatta	aataatatga	aagtcaaaaa			5800

<210> 7645

<211> 1729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1640)...(292)

<223> similar to gi2589011 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7645

ccctgatgca	cccacctgcc	caaaagcagt	gccgccggac	aggcaccttg	cagagcaaac	60
ttctgtgccg	agcagccttg	tggtgactgc	gacagtgaag	tccatgggtc	gggagccagg	120
ggagggcctt	gccgtgactg	tcaagtctta	ttggtgctta	taaaactgga	ggactggacc	180
tgccttctcc	accactgggt	gcctccctga	agttttacgt	gccttgcaag	cagtgcctcc	240
ccatgaagaa	agaaggcctg	agggctaggg	gccggggctg	gcctgcgtct	cagtccctggg	300
acgcagcagc	ccgcacaggt	tgagaggggc	acttcctctt	gcttaggttg	gtgaggatct	360
ggtcctgggt	gggccgggtg	agaaccacaa	agctctctgg	aggaaggacg	gggcctctgt	420
tctcttctac	ctggcccatc	agcagataac	tgactccttt	cttcatgggg	gggcactgct	480
tgcaaggcac	gtaaaacttc	agggaggcac	cagtgggttg	agaaggcagg	tccagtccct	540
cagttttata	agcaccaata	agactgacag	tcacggcaag	gccctccctt	ggctcccgaa	600
ccatggactt	cactgtcgca	gtcaccacaa	ggctgctggc	acagaagttg	ctctgcaagg	660
tgctgtccg	gcggcactgc	tttgggcagg	tggtgcatc	aggggctgaa	ggagattcct	720
ctgttttctc	cggaggttg	gacttggggg	gcagcttgac	tttaggtca	gttccccgtt	780
tggggccggg	cccttgccct	tctttggcag	tgcccccggt	cagggctctg	taggaggctg	840
agaagccatc	agcggtgaca	ctgagatctg	agacgaactg	gacgaggagt	tcattccctt	900
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cgctcacggc	tccgttgaac	acgctgaccg	agtcatagcg	gcagtaggtg	tccggctcca	1020
ggtaaactt	ctcgaaggtc	agcgcgatga	cctgggtccg	gggcgcgatg	atgtgccagg	1080
aacagctgat	gcccgggggg	taatcggaat	cgggccagtt	gggcgtgggt	aggggtccct	1140
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gctggccgga	agtcccagac	ccagcgaaga	cctccagagc	atcgtagcgg	caggcggggt	1380
gcagctccag	gtcgaagact	cgggaatgaga	gggacacagt	ctggccctcg	gggaccgtta	1440
tggtccagat	gcactcctta	ttaggggggt	agaggttggg	gaacccctca	cttgccacgt	1500
aacctgattc	ccccttcaca	tcccctccgc	acaggaacac	gggtctggtg	tagttggggg	1560
tctggccctg	ggcaaaaggc	agcagggcgc	aggcagttag	gagggggccc	aggagggagg	1620
ctgtggctgc	aggcagcatg	gcccgggggg	aaaggcgctg	gggtcctcaa	gacagaggca	1680
gcagctgaat	tttgtagagc	agcagcagcg	gtggcggcag	cagcaggat		1729

<210> 7646

<211> 2480

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (143)...(1081)

<223> similar to gill36396 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7646

tttcgtggcg	ctgcgggcgc	agctccgggtg	caagcgagga	cacgacacat	gcagtggctt	60
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gatgaaggaa	gactgtctgc	cgagttctca	cgtgcccatc	agtacagca	agtccattca	180

gaagtcggag	ctcttaggcc	tgctgaaaac	ctacaactgc	taccatgagg	gcaagagctt	240
ccagctgaga	caccgtgagg	aagaagggac	tctgatcatc	gaggggctcc	tcaacattgc	300
ctgggggctg	aggcggccca	tccggctgca	gatgcaggat	gaccgggagc	aggtgcacct	360
ccccctccacc	tcatggatgc	ccagacggcc	tagctgccct	ctaaaggagc	catcgcccca	420
gaacgggaac	atcacagccc	agggggccaag	cattcagcca	gtgcacaagg	ctgagagttc	480
cacagacagc	tcggggcccc	tggaggaggc	agaggaggcc	ccccagctga	tgcggaacca	540
gagcgacgcc	agttgcatga	gccagaggag	gcccgaagtgc	cgcgcccccg	gtgaggccca	600
gcgcatccgg	cgacaccggg	tctctatcaa	cggccacttc	tacaatcata	agacctccgt	660
gtttactcca	gcctatggat	ccgtgaccaa	tgtgagggtc	aacagcacca	tgacaaccct	720
gcaggtgtgc	accctgtctc	tgaacaaatt	taggggtgaa	gatggcccca	gtgagttcgc	780
actctacatc	gttcacgagt	ctggggagcg	gacaaaatta	aaagactgcg	agtacccgct	840
gatttccaga	atcctgcatg	ggccatgtga	gaagatcgcc	aggatcttcc	tgatggaagc	900
tgacttgggc	gtggaagtcc	cccatgaagt	cgctcagtac	attaagtttg	aaatgccggt	960
gctggacagt	tttgttga	aattaaaaga	agaggaagaa	agagaaataa	tcaaactgac	1020
catgaagttc	caagccctgc	gtctgacgat	gctgcagcgc	ctggagcagc	tggtggaggc	1080
caagtaactg	gccaacacct	gcctcttcca	aagtccccag	cagtggcagg	tgtacactga	1140
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cagatctgtg	tggccagccc	tgtccacacc	atgcctctcc	tgactggag	agcagtgtctg	1380
gcccagcccc	tgcggttag	gcttcatctg	cttgcacatt	gcctgtccca	gagccccctgt	1440
gggtccacaa	gccccgtgcc	tcttccttca	tatgagattc	ttgtctgccc	tcatatcacg	1500
ctgccccaca	ggaatgctgc	tgggaaaagc	agggcctgcc	agcaggtatg	agatctagcc	1560
tgctttcagc	catcaccttg	ccacagtgtc	cccggcttct	aagcctccaa	tatcaccttg	1620
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tcaccactgt	cccgtggatg	cctgtgtacc	tcttgccctt	tctgggcttg	cgtttctctc	1920
ctctagtggg	tggggatgac	tttcaatgac	tttcaatact	tcccctgaag	gaagaatgat	1980
aaggagaaat	gtctgttttg	aggaaaaggc	tttgaattcc	ccagatactg	aacaatttgt	2040
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agtttacatc	agtcatgtga	agtatttgtc	taaaacagag	caaactgaag	accaaattat	2160
tctcctgttg	aggtccgtgg	atggcagatt	taaaggggaag	aaccacaaaag	gcttgcaaag	2220
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ccccaaccca	gctccatcat	cacagacaca	gagagctgca	ggggaggcct	gcccactgtt	2400
ttgtcgactc	tgccctcctc	tggcagcata	gatccttagg	tgctcaataa	aggtgtgctg	2460
tattgaactg	aaaaaaaaaa					2480

<210> 7647

<211> 2469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(340)

<223> similar to gi289769 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7647

ggcaccgaggg	gggcggtccc	cagcacacta	gaggaagtgc	tgctaccccc	gcggagttgt	60
cgtgtgttct	ggattcattc	cggcaccacc	atgtcgaagg	tttcctttaa	gatcacgctg	120
acgtcggacc	cacggctgcc	gtacaaagta	ctcagtgttc	ctgaaagtac	acctttcaca	180
gcagtcttaa	agtttgcagc	agaagaattt	aaagtccctg	ctgcaacaag	tgcaattatt	240
accaatgatg	gaataggaat	aaatcctgca	cagactgctg	gaaatgtttt	tctaaaacat	300
ggttcagaac	tgccgattat	tcttagagat	cgtgttgga	gttggttaata	tctgctactt	360
ggaacatacg	attgcctttc	agaataaata	ttggtatttt	ttgttggtgt	aaaattgaaa	420
tcaggcattt	aacatactat	gaaaacacca	ggagtcaatg	attaatgaaa	ggtgactcat	480
ctgtcccttt	ttgttgtcca	tactcttctt	atgaagaggg	aatgcgtatg	aattaaggct	540
actactgtca	cagaagatca	tagtctttga	tgctacctca	caacacaaac	aggtagttcg	600
ttggggggcaa	atgaattagc	caactgttaa	ctggaagctt	ttgataattt	ttttttttag	660
aacaattttg	aacattaaaa	tttactgaat	cgtatatatt	catctgagat	aaaaatataa	720
aaagaattat	ggaccctgga	tggcaatttg	cttgatagca	tctgatttgc	agactcataa	780
tttgattttt	aattaaatat	atagggttat	atgaagtga	tagacatatc	agtgaacagt	840
taactatatt	aaatttttat	catttacttt	ttttaagatt	cagacctcag	ttatataaat	900
ttcagtttaa	tatcaaccaa	aaaattaaaa	ttttaatcta	acccttatgt	gtataaattg	960
gtgtcccata	ccagctttta	atgggtggacc	tatagaatcc	agtactttta	atgggtgggaa	1020
tttacagtag	aagcatcctt	tgctgagtta	tacattcctt	tatcaatctc	ttttgataca	1080
acatttaaaa	caagtagctt	caagaaacca	ctggtgtttt	gaggatagta	tttctaaata	1140
gcattcagga	acagagtatt	attgcacaga	tctgaagatc	aaaaaaaaagc	tcaaggaaat	1200
acagatcgga	agtgtctgat	agtttatatt	attgaaaacc	caacttttaa	ggaagtgtcta	1260
agatcagtca	cccatgtgaa	taagaagcca	ggaaaggaaa	gatggggaag	cccagatcac	1320
caggcttcta	ttaaggagga	aagcaacaga	ggaaacagtg	aagggggaaca	gaagggggta	1380
gcaaagtgtt	acagaaaagc	ggactggata	gacaaaactg	cagaagggtg	atgttgggga	1440
gaactgaaag	ggaaaacaaa	atacttgaca	tagtcttaag	tagaagaagg	cagttagaga	1500
aaacaaagta	tctactggcc	ttgtcaacat	acagacttca	aaataccctt	tatgagaatc	1560
caaagaatga	tgtgtgtaag	ggaagatttt	atttgccctt	ccggaagaaa	tcagtatcta	1620
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aagtgtagt	gctttcatta	aatacttgct	gtaaagtctt	tctaagacca	attattatct	1800
tagcatgttt	cagtatcttc	tctatcatag	gccctaagtt	cattggggga	aaaaaaataa	1860
gaagattcaa	cagaatcagc	atgtgaagt	taccattggt	agttgtttat	gaaattacca	1920
gatattcata	aatgtgacaa	atgaacagca	ggattatgaa	ttatcaaagg	aaaaagtatt	1980
tgctgaggtg	aaaaaatctg	atgtttgagg	aagtttttat	ttttatttat	ttgttttgtt	2040
tttttttttt	ttggagggca	gacttttttg	cccaaggctt	ttcctgcctc	agcctcacga	2100
gtagctggga	ctacaggcat	ggccccacca	cgccagctca	atttttgtat	tttttagcaga	2160
gacagggagg	aagtttttat	ttttataaac	aaaatctgat	gttcagaggc	cccgtttctt	2220
acaataaatg	ttgagtctta	gttaagcagg	aatttatgaa	cacccatttc	ctgacttttt	2280
gctttaattt	agatttttct	ccatcctgtt	tctagcacia	aaatttgcct	gctgtgttac	2340
aaaaataaat	ttatgttgtc	ctgtgccata	aagtgatata	tttaatat	ttattctttg	2400
gttttgaaca	ttgtaagttc	ctaaaaacat	tttattaaac	aagtagacat	tttgttatta	2460
aaaaaaaa						2469

<210> 7648

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (430)...(170)

<223> similar to gi3127854 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7648

cgatgtagtc	cgaccagtta	tagatcttca	cggctctcggc	ggcctggctg	atagaggcca	60
ccaacatcaa	gggcaacagg	gcaatggctt	tcatgggtcg	atttcctggc	ggtttttaggg	120
ctgtttttat	ggcaggcgat	caaggatcaa	agcgttacag	aatcaggaca	taggtcttgc	180
gcacggtttc	ctggatatcc	cagataccgg	tgctattggc	tggcaacatc	agtgcgtcac	240
cggcttgat	gtgcagggtt	tccccgtcgt	cgggcgtgaa	ggtgcagcgc	ccctggatga	300
aatggcaaaa	ctcctgggac	gtgatctgcc	gacgccagcg	ccccggngtg	caggcccaga	360
tgccggtctc	gacgccatcg	ttgtgctcca	cgctcaaggt	ggaggccacg	gcgatgggcg	420
cgcccagggg	caccgccacc	ggtgatgaat	ctggcagtgg	ggtgttcagc	gtgtctttga	480
attgcatgat	gctcatgggt	ttccccctgt	gggtggaacg	agtcagtgca	tgaagccttc	540
catgaaaccg	gcaacgccgg	ttgccagctt	gcggcgccag	ggcgcagtgt	tggagttggc	600
caagacctgg	tcttcatgga	caaaactacg	aatgatcgcg	ttgtaacca	gccagcggca	660
cggctccggc	tcccaggcct	tgagtgtctt	gaggccgcct	tcgcgaatca	cccaggggtg	720
ttgggtcagc	aaggtgtcgc	ggccgaggat	caaatcggcc	aggggtgcggc	cgctctagag	780
ga						782

<210> 7649

<211> 1895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1389)...(532)

<223> similar to gi4191500 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7649

tttttttttt	ttgcagaacc	ttgaaataaa	acatgtttta	cagtaagttc	acacacaggc	60
ttaatgcaaa	ccagagtaat	gcacagatga	ttgccaagac	catattgaca	aattgtgatt	120
agattataac	gcatagtagc	ctgccttaca	ttcagcaagt	tcaaacagga	cacaaaacca	180
gtcaactgaa	cacagagcag	ctctcttcag	aagcacttcc	aatgagtgat	gcagagattt	240
caaaaataca	aagcaggcaa	cttatataca	gcaaatcctc	acactgcctg	gacatgtgcc	300
acttttttgt	tgtttttaat	atatttttcc	ttcctggttg	ctaatttaga	ctgaattctt	360
aaggatttat	cttgatgact	tagaaaaata	cacctgtcct	ttctcacttt	gtttcaggta	420
gtacagtcac	gaaattgagt	aagtctctta	aaaaaatgaa	agtccacaga	tcccattgtg	480
gaaggtttca	ggaacccctc	cccaggtaat	gatcacggga	tcttcaacag	ctcaaggagt	540
gtccaacag	ctccaaaata	accctcgtgt	tccgaaaaaa	gtgctttcaa	ctgccccttg	600
gaccaataat	ccaaagcata	tgccaaaagc	cgcattggcg	tcgtattaat	tctcaagaaa	660

tttccaacaa	ataccacctg	gttaatgttt	tcattaaggg	cacacattct	tgctattgag	720
ccaatgttgt	tggtgatgg	gatcaaagtc	gctctggcca	ggtcctcttt	actgacagcc	780
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tctccacgag	atgccatttc	aagagcttct	tcaaaagtgg	tacagccagt	aagaagacag	960
cagagaccaa	aaaaagtccc	tcctccaaga	ctagtacctg	tgacctgttt	gtaattatct	1020
ttggaatata	ctgctaagat	gctaaccctt	gagccaatgt	tcaccagaag	cagaggatac	1080
ggatttttca	aatcaaatgg	taacttctga	cacttttcag	aatcagcagg	gttttcaaag	1140
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aagcaatcta	gttcatccag	tttgcaaagc	tgaagatcac	ctattgtgag	aaaatcctgc	1260
tcaaatttgt	acgctccacc	tccagtggca	caaaagacag	tgtggagact	cgagaagttt	1320
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cctgtagacc	cataagccac	attggaggtc	aggtacttcc	gaatgctttt	aagactttcc	1500
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ggctcctgcc	gccgcccttc	gggttccccg	gccgcctgct	ccccagccga	cgagacggag	1800
gtggcggaag	ccctgccgtg	gcgctccatg	ggcgcgccga	gccggccccg	tcccatccgc	1860
agcagcagtc	gctgccgccc	gagcaagccc	cccag			1895

<210> 7650

<211> 1943

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1748)...(0)

<223> similar to gi4929691 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7650

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acaatgacca	caaaattaat	actaccaa	cattactgag	actttttgca	ttacaatatt	180
tggagagtag	gtgaagaaaa	tatagaacag	aacatgaaca	ttttaaaatg	atattccacc	240
caagctttat	ctttttgcta	aatcttgtgg	acactagaat	atatattcaa	gatgttggtta	300
aagatattca	gcaagccata	cttcaaagat	gttaaaacag	ccctccacca	ataatatggc	360
attgcaaacc	cttctatccc	atcccttttc	agttaaaaga	gagaatatta	acagagattt	420
agtaatagtg	acaaaaataa	gaaatcagta	tagtcaagaa	agatatgtaa	ttattcaaca	480
tcatttggtta	cggatagatc	aatgcaactc	actaagtggg	caacattgtg	aggggagtgg	540
gtaacatgat	tcagagtcct	gtgggtaaat	tcatatgcaa	taatcttatt	ccaatcaatc	600
tgtaaagtaa	aagcactaca	tccacattaa	cattataaca	tcttacagta	atataaaagc	660
caaatacattg	ttggtacgtc	attttcttta	aagtgaacaa	tttaagaaaa	cttcacaaga	720
gtctgcactt	tggaaagata	cgatcagagt	acacagtaga	gacaaaacag	gcattcttcat	780
tgtaatTTTT	tttaataaat	aaaagcacat	taacaaaaaa	ggaaggtaag	cagcaccgga	840
agcctttgac	gtttgttaact	aaatgctgg	actcaaattg	tctagctgg	taagtttcac	900
taggaggcgc	aaaaaaggag	ccgtttttga	cttaacattt	taattctagt	agagataaga	960

agagcttgtg	tgggcttaca	gtccttcacc	tgactgtcct	tcaccagtga	gtagcatacc	1020
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tagattctga	atttccttga	atthttggatg	gtccttatca	gctaccagct	gaagcagaac	1140
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gtccatcatg	cttcttgatg	aggtggcatc	agcaacaatg	tgaacctcga	ctcctcggcc	1260
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caacaatctc	tgtcccacgc	taataatata	cccaaaatac	ttgatggctg	gtctgaacct	1560
ttcctgcata	tcacagcaga	aaaacacagt	gcttgaaggt	gtaagatttc	ccagggtagt	1620
gagctggatc	tgcagcggca	cgaggcgcac	cttgagcgcc	tcgctcaccg	cgaagccctt	1680
gggcaagtcc	acgtactggc	cccactcctc	ggcgaacagc	tgcaccacga	atttgcggtg	1740
catgtcgatc	tggtcgccgt	acaggctgag	gaacttctgg	atgagcagct	cgtagcccg	1800
cccggtgtgg	accgacgagg	gtcgcgcgaa	gactgagaaa	cagaagagca	ccgggactgt	1860
gcccagcggc	gccccgcgc	ccccggcgcc	gctgttgggg	agcgcaagga	ccgcggctc	1920
cgcagccgcc	atgttccacg	aaa				1943

<210> 7651

<211> 1540

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1466)...(1129)

<223> similar to gil710212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7651

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tcatcatcca	tctccgtttt	tttgttttga	gatggagtct	cactctgtcg	cccaggttgg	180
agtgcagtgg	catgatcttg	gtcactgca	acctcttcct	ccccagttca	agcaattctc	240
ctgcctcagc	cacccaagta	tctgggatta	caggcgtgca	ccaccacgcc	cggccaattt	300
tttttttgta	tttttagtag	agatggggct	tcaccacatt	ggccaagctg	gtctcaaact	360
cctggcctca	agtgatccgc	ccgcctcagc	ctcccaaagt	gttgggataa	caggcgtgag	420
ccaccatgcc	aggccatcgt	ctcctgaact	ttttcatctg	cccaaactga	aactctgtac	480
ccattaaaca	ataactcctc	actgccccct	cctccagtcc	ctggcaaata	ccattctact	540
cctagagtac	tttcagactc	agtttcttct	ttcacttaat	aaaagacagg	gtccactgct	600
gactaatggg	attgttttga	tatttggagg	ccttcttgca	gaccatgtga	tttgagttta	660
tggcagagaa	tggtaaatag	aaatgggatt	gtacaaagaa	aagagatgga	gagaaaactg	720
gatgaggggt	tcgcactggg	tgtcccaccc	acaggcctca	gcagccctgc	cacggatctg	780
cccgattctt	tcgcatcaag	aagttgatct	tgcgagccat	ttccatgttg	tagatccgcc	840
ggcacctttc	atagctttcc	ctctgtcgct	ggcggcattg	cttctcataa	taccgccgat	900
gcttaatgtc	ctcaatgagc	ccatccatag	tgaggattct	gtttagggtc	ctgtatgcgc	960
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aaagcagaaa	gagaaacgca	acataatata	aactacaccg	cgcggcttat	ttaggatttg	1140
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gacgtgaatc	gttgtctctt	attctcactg	ccagtcctaaa	tctctgcata	gagaagaaaa	1260
gagatggcag	cagggcggtta	ccacaaagac	gcgtcgccgg	gcatgagaag	gacacgagcg	1320
acaaggatgc	gccacagggg	cccaaccacc	acacatagtt	ccaaaagggg	ttgagttggg	1380
agttggggaa	ggactctttg	ttgggtctttg	gaaaaggggg	cgaaagcccg	caaacctgcc	1440
ctctcgccaa	gccagccttc	ctttcccaa	accctgcaca	actcctcacc	tcgcgcgctc	1500
agtacgaaat	cgtcgaccgg	ggagttccgg	agaagatcac			1540

<210> 7652

<211> 1780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (39)...(940)

<223> similar to gi3403154 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7652

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gagctgagcg	gagatcctac	agggaatacc	gaccctatga	gacagagagg	caggcagact	180
tcacagctga	gaagtttcca	gatgaaaaac	caggtgatag	gtttgatcga	gacagaccgt	240
tgagaggacg	tggaggcccg	agagggggta	tgcgcggcag	aggcagaggt	ggccctggga	300
acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atgtgaaaga	tatggtggga	360
atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	cgaacctggg	420
gatcgggtaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	cccacagtgg	480
tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	gagttggagg	540
tagaagaaga	aacccaagtt	caagagatga	ctttagatga	gtggaaaaat	cttcaagaac	600
agaccagacc	aaagcctgag	tttaacatcc	ggaaaccaga	atccactgtt	ccttccaaag	660
ccgtggtgat	tcacaagtca	aaatacagag	atgatatggt	aaaagatgac	tatgaggacg	720
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gaaattaaaa	tacaattgca	cttactgttt	acttgtaaat	gttatcttct	ctcctggaat	1440
attttgagtt	ctggttttca	cttaaccaat	catttaaaaa	tcgctattgt	gtagccactg	1500
gccaccactc	tgtgacacag	aatcagagaa	agcgttgatt	tttaatggtg	atttaaacta	1560
cctcgtggtt	tctgtgtgtg	tgcacacaca	catctagtgt	ttgggtggtt	tttaggaaga	1620
atattaagta	tgtgacttca	aaaaccatgt	tatttaacct	gccaatcaaa	tggaaagggg	1680
tcatggcaaa	agcaaatacc	gcaccccttt	cttccgcaga	actagagtca	gagttcggca	1740
gctgcgtaca	aaggcctctg	ccctcggctt	gagcaaaagt			1780

<210> 7653
 <211> 3190
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (93)...(2671)
 <223> similar to gi31106 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7653

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ctacctggga	gaatccaccg	ccatccgccca	ccatggtgaa	cttcacggta	gaccagatcc	120
gcgccatcat	ggacaagaag	gccaacatcc	gcaacatgtc	tgtcatcgcc	cacgtggacc	180
atggcaagtc	cacgctgaca	gactccctgg	tgtgcaaggc	gggcatcatc	gcctcgcccc	240
gggccgggga	gacacgcttc	actgataccc	ggaaggacga	gcaggagcgt	tgcataacca	300
tcaagtcaac	tgccatctcc	ctcttctacg	agctctcgga	gaatgacttg	aacttcatca	360
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acggcaagtt	cagcaagtca	gccaccagcc	ccgaaggga	gaagctgcca	cgcaccttct	960
gccagctgat	cctggacccc	atcttcaagg	tgtttgatgc	gatcatgaat	ttcaagaaag	1020
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aagaaggcaa	acccctgctg	aaggctgtga	tgcgcgctg	gctgcctgcc	ggagacgcct	1140
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cccagtgtgt	gtttgaccac	tggcagatcc	tgcccggaga	ccccttcgac	aacagcagcc	2580
gccccagcca	ggtggtggcg	gagacccgca	agcgcaagg	cctgaaagaa	ggcatccctg	2640
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aaaggggaaa	ggaacacgcg	ggtagatgat	ttctagcagg	caggaagtcc	tgtgcggtgt	3120
caccatgagc	acctccagct	gtactagtgc	cattggaata	ataaatttga	taagggtggtg	3180
aaaaaaaaaa						3190

<210> 7654

<211> 2132

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (122)...(1648)

<223> similar to gi619877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7654

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gatgcagcgt	ctggtgactc	cagtgaagcg	cattctgcaa	ctgacaagag	cgggtgcagga	180
aacctccctc	acacctgctc	gcctgctccc	agtagccccc	caaaggtttt	ctacagcctc	240
tgctgtcccc	ctggccaaaa	cagataactg	gccaaaggac	gtgggcatcc	tggccctgga	300
ggtctacttc	ccagcccaat	atgtggacca	aactgacctg	gagaagtata	acaatgtgga	360
agcaggaaa	tatacagtgg	gcttgggcca	gacctgatg	ggcttctgct	cagtccaaga	420
ggacatcaac	tcctgtgccc	tgacgggtgg	gcaacggctg	atggagcgca	tacagctccc	480
atgggactct	gtgggcaggc	tgggaagtagg	cactgagacc	atcattgaca	agtccaaagc	540
tgtcaaaaaca	gtgctcatgg	aactcttcca	ggattcaggc	aatactgata	ttgagggcct	600
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gtgctacttg	cgggccttgg	atcgatgtta	cacatcatac	cgtaaaaaaa	tccagaatca	960
gtggaagcaa	gctggcagcg	atcgaccctt	cacccttgac	gatttacagt	acatgatctt	1020
tcatacacc	ttttgcaaga	tggccagaa	gtctctggct	cgctgatgt	tcaatgactt	1080
cctgtcagcc	agcagtgaca	cacaaaccag	cttatataag	gggctggagg	ctttcggggg	1140
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tcaggacatg	ttcgacaaga	aaaccaaggc	ttccctttac	ctctccactc	acaatgggaa	1260

catgtacacc	tcaaccctgt	acgggtgcct	ggcctcgctt	ctgtcccacc	actctgceca	1320
agaactggct	ggctccagga	ttggtgcctt	ctcttatggc	tctggtttag	cagcaagttt	1380
cttttcattt	cgagtatccc	aggatgctgc	tccaggctct	cccctggaca	agttgggtgc	1440
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gcttatgggt	cctatggact	aggggtcctt	tgtgaaagag	caagatggag	caatggagag	1920
aagacctctt	cctgaatcac	tggactccag	aatgtgcat	gcgagatcag	ctgttgctt	1980
caagatccag	ataaactttc	ctgtcatgtg	ttagaacttt	attattatta	atattgttaa	2040
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caattaaaaa	gagagaaaaa	ggaaaaaaa	aa			2132

<210> 7655

<211> 1464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (729)...(1335)

<223> similar to gi757907 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7655

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tgtccctttt	tggaaatgtg	cctgcgtcca	gggctgggtt	ggggcccat	tgaactttgg	180
ctctgacaca	gctgttgcca	cactcaacgg	aactgaatct	atgtttgtct	tccccggcat	240
ccttcacccc	aactctcccc	gccacaacat	acatcccatg	ccagcctggg	gacctcaaa	300
ggtggcttca	tcattaggtt	tgtggctggg	tcctactgaa	gtaagtcttg	gcactcagag	360
ggataggaat	tgaatgaaga	catgagattc	ctctgcggga	ggcctctcta	ggaaatctgt	420
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aggatttgtt	cacagacaca	gagtaaactt	ttgctgggct	ccaagtgacc	gccatagtt	660
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cggttcagga	gatccaagca	accttctttt	acttcacccc	caacaagaca	gaggacacga	960
tctttctcag	agagtaccag	acccgacagg	accagtgc	ctataacacc	acctacctga	1020
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agaactgggg	gctgtctgtc	tatgctgaca	agccagagac	gaccaaggag	caactgggag	1200
agttctacga	agctctcgac	tgcttgcgca	ttcccaagtc	agatgtcgtg	tacaccgatt	1260
ggaaaaagga	taagtgtgag	ccactggaga	agcagcacga	gaaggagagg	aaacaggagg	1320

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agggggaatc ctagcaggac acagccttgg atcaggacag agacttgggg gccatcctgc 1380
ccctccaacc cgacatgtgt acctcagctt tttccctcac ttgcatcaat aaagcttctg 1440
tgtttggaac agctaaaaaa aaaa 1464

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<210> 7656
<211> 801
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (746)...(161)
<223> similar to gil741870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7656
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ccacacactc agagttcatc gtgacctgca gagggctcca cactaggctt gatgaagatg 180
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tgcccacgga tggggcttcc atactgctca cccgtgactg acaggaacac agaggtgccc 300
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cggatccgcc agtagctatt ggcgctcgtc gacgcctcta cgccgggtcac cgattgctgg 600
ccgctgccgc atccgtatgt gatgtcgtgc gagtgacgcc gcacgcggtg gtgcgtattg 660
agcagcttca gcaccgacc gcaggtcacg agctccgcac cggctctggc ggcaccaccg 720
cccggcacta acagcgccag cagcagcccc aacagcaccg gccaggcagc cccgcgcgcg 780
cccgcgctcc acatcgcccc g 801

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```

<210> 7657
<211> 1591
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1542)...(146)
<223> similar to gi4323640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7657

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<210> 7658

<211> 3738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (356)...(1577)

<223> similar to gi5459205 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7658

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cgtaagcgag	gcctccttct	cctacaagga	aaacctgatt	ggcgccctct	tggcgatctt	480
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cacttttggg	aggccaag					3738

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<210> 7659
<211> 1963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (307)...(728)
<223> similar to gi671531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aaacgcttgt agggcttcac cagtctttcc cagggaaactc cgatgaagtg ttccaacaaa      840
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<210> 7660
<211> 907
<212> DNA

```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(779)

<223> similar to gil90508 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7660

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aaccagtccc	aaggtccccc	acctcctcca	ggaaagccag	aaagaccacc	cccacaagga	480
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aaaaaaa						907

<210> 7661

<211> 5812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(5463)

<223> similar to gi2398621 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7661

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gttgagaggg	ttacttacat	aaaggaattt	tggtgaaact	gcaaaaaaaaa	aa	5812

<210> 7662

<211> 2393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(2154)

<223> similar to gi35792 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7662

gaccagaccg	gcccccccg	gactatagcc	ttcacttttc	ctcggtccac	catggagccc	60
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gagaccactg	ccgacagcaa	cgagacaacc	acgacctcag	gccctccgga	cccgggcgcc	180
tcccagccgc	tgctggcctg	gctgctactg	ccgtgtctgc	tctctctctt	cgtgctcctt	240
ctcgccgcct	acttcttcag	gttcaggaag	cagaggaaag	ctgtggctcag	caccagcgac	300
aagaagatgc	ccaacggaat	cttggaggag	caagagcagc	aaagggtgat	gctgctcagc	360

aggtcacct	cagggcccaa	gaagtatttt	cccatccccg	tggagcacct	ggaggaggag	420
atccgtatca	gatccgccga	cgactgcaag	cagtttcggg	aggagttcaa	ctcattgcc	480
tctggacaca	tacaaggaac	ttttgaaactg	gcaaataaag	aagaaaacag	agaaaaaac	540
agatatccca	acatccttcc	caatgaccat	tctaggggtga	ttctgagcca	actggatgga	600
attccctggt	cagactacat	caatgcttcc	tacatagatg	gttaciaaaga	gaagaataaa	660
ttcatagcag	ctcaagggtcc	caaacaggaa	acgggttaacg	acttctggag	aatgggtctgg	720
gagcaaaagt	ctgcgaccat	cgtcatgtta	acaaacttga	aagaaaggaa	agaggaaaag	780
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ttcggagtgc	cttttacc	cattgggatg	ctgaagttcc	tcaagaaagt	aaagacgctc	1020
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tacacgttca	tctaccaagc	cttactcgag	tactacctct	acggggacac	agagctggac	1260
gtgtcctccc	tggagaagca	cctgcagacc	atgcacggca	ccaccacca	cttcgacaag	1320
atcgggctgg	aggaggagtt	caggaaattg	acaaatgtcc	ggatcatgaa	ggagaacatg	1380
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gacttcaacc	gagtgatect	ttccatgaaa	aggggtcaag	aatacacaga	ctacatcaac	1500
gcatecttca	tagacggcta	ccgacagaag	gactatttca	tcgccacca	ggggccactg	1560
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ctgccttaaa	atatttttta	atttaatgga	acaaaggaga	agccacttcc	cccaggacgc	2220
aagactctcc	cctccactgt	ccgggacagc	gttcgccctt	tagcggggag	gtcattacag	2280
cctcatggcc	tctaccaagg	ccccagatca	caggatctcc	tgggccttgg	agcacctcac	2340
gctgggggaa	tcaatccctg	agggactcag	aatcttctcc	gtgcaacctg	gaa	2393

<210> 7663

<211> 1206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1194)...(276)

<223> similar to gi5912548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7663

tttttttttt	ttagtattta	taatcattta	ctttagcgca	actgtttaaa	gttaacactt	60
gttttaaattt	ttttacacta	tagcatttat	gcaatggttt	acagaattca	tggagttatt	120
tttatcagta	tgggaattaa	ttaaaacctt	gaatctttgt	tttgtctgct	tctctgagca	180

caagcctggt	cagctgggtcc	ctgcgggtcc	taccagccag	cttctctgta	gggctctcgg	240
ccgcgtccac	ctctgctctc	ccaccacaag	gtcacaaact	cccacgcagt	cctgggtcac	300
cccgcagctg	ctctggagac	ttggctctgg	gcgtctcgtg	gcccagtg	tccaagttgg	360
aagtttctgt	gggcctcgtg	taggggatgc	cgtgctgggt	gagcaaacct	ttcagccttt	420
tgatctcctt	tgagagttct	ttatgagcct	tctgcagtt	ttccagggtc	tcaaacccca	480
agctgtcagg	acctccctcc	agctgggtgg	gttcattttc	ttctggggtc	tttaagtagc	540
cagcatcctc	aaaaagtgtc	ctcagcaact	tctcatggcc	ctgggggggtg	atcagctcat	600
cggccaggtc	ctgctctacc	tggteccact	gccgctgcag	ggcctctggc	agggttgggt	660
acactagcaa	ggcgtggggg	tggcagacga	gggggtctc	gaacgtcagc	gcgtagacgc	720
agggtgctcg	ctcggacaca	tgggccagcc	ggttgctttt	tccacacgcc	agctccacct	780
tgctctgccg	gctccgggaa	cggcaggcgt	caccgtccct	catccacatg	cccgtaagg	840
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ggaaggtctg	ctcgtgctgg	gtcacgttgt	ggaacgggca	gaactcatac	ttgtacgtgg	960
actccaccag	gctgaagcac	ttgcccagaga	gtcgggaagag	atgcacgggt	ccagacacgg	1020
gtgaaggatc	cctcttggcc	tggaggcgac	tggcctgagg	caagaacggg	ttgttcaccc	1080
caaacgcgtt	gggctcctcc	accaccttca	tcttcgctgc	acctgccggc	gcgggcccgc	1140
cggccgagag	cccgaggagc	aacaggagcc	gcgccagccc	cgccgccatc	gcgccgcagc	1200
ggccgc						1206

<210> 7664

<211> 2870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(1202)

<223> similar to gi256178 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7664

tttcgtgtca	gtggcgctag	cggcggacce	ggctgggcag	ttccttcccc	agaaggagag	60
attcctctgc	catggagtcc	tacgatgtga	tcgccaacca	gcctgtcgtg	atcgacaacg	120
gacccggtgt	gattaaagct	ggttttgctg	gtgatcagat	ccccaaatac	tgctttccaa	180
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cccactccat	catgcgcac	gacatcgagg	gccgggacgt	ctctcgcttc	ctgcgcctct	660
acctgcgtaa	ggagggtctac	gacttccact	cacctctgta	gtttgagatt	gtcaaggcca	720
taaaagaaag	agcctgttac	ctatccataa	acccccaaaa	ggatgagacg	ctagagacag	780
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acattgtcct	ctcaggaggc	tctaccctgt	tcaaagggtt	tggtgacagg	ctcctgagtg	1020
aagtgaagaa	actagctcca	aaagatgtga	agatcaggat	atctgcacct	caggagagac	1080
tgtattccac	gtggattggg	ggctccatcc	ttgcctccct	ggacaccttt	aagaagatgt	1140

gggtctccaa	aaaggaatat	gaggaagacg	gtgcccgatc	catccacaga	aaaaccttct	1200
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<210> 7665

<211> 1457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1458)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1387)...(773)

<223> similar to gi602438 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7665

tttttttttt	ttatttataa	agatttatta	cagcacggga	ggggttcagg	cctggagtca	60
gggaagaagg	ggaaaggggc	agagcagctg	ggggacaagg	aaaacctggc	gcccccgct	120
gtgtgcccc	ccggggacat	aaactaggcg	gcattcctgg	catcaaagca	caaaacgcaa	180

caaagaggtc	tctgccagtc	catcttccag	gcacccagga	ggagcaaggg	tgattaaggg	240
aagattccca	aaatgttgag	gctatggaga	aaaacgcctt	agtccctggac	cctggtagaa	300
gccggtgaga	gaagtggtag	cttggaaatcc	tccataggaa	agtgggtaga	aaaggatcta	360
agggtagctc	aaaggttctca	ggacctcctt	tccccagatc	ttagggctcct	gccctgtggg	420
tctcctgtgt	ccagggggaga	ggatctgggg	agtagaattg	tgaagggcaa	atccctgttc	480
ccggttttct	ggattttcca	atgtgggctg	tctcacatcc	cacctcccgc	tgggtgaatg	540
gaggaatgac	tggcaggggt	gggcatcagg	cagcaagtgc	ccaggttctc	tgggtatcag	600
ccaaaggtgg	gcaaacaagc	aaacacagac	cagccttagt	cttctagaag	tcagaagccg	660
cagccctagc	aggcgagggg	aagagcacia	aacaggggtga	ggatagagtg	ggtttctggg	720
gaacagcgat	gtccccctca	cttcctcctg	ggagatgcag	gctgggtgcc	tatgtgccag	780
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gcccttccag	accctggcca	caggttgtct	tttgcccagc	agactgcctg	atgaccttca	960
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cagctttcag	cgaaggtggg	gtgtaggcac	aggggttggg	tctcttcgac	ttgagatggg	1200
gcccctctcc	tgaggtctct	tgggtggggg	aggtctcctc	ctctggtgag	gagtgctctg	1260
agagccggaa	cagcatggca	ggcgttgggc	tcctgcgcgc	gatcatctcc	acctggcggg	1320
ggtcgagctg	gctagggggc	gcgggcaccg	agaactggat	cttcttgccg	tccataaaat	1380
ccatagcgcg	cggggtgggc	ggtggggctg	gggtgcgcga	ctcggggtcc	cgaattccnc	1440
cacgtggtc	gagaggt					1457

<210> 7666

<211> 1219

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (109)...(524)

<223> similar to gi2267084 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7666

ttacgccaaag	cttggcacga	ggagcgagct	gagtggttgt	gtggctcgct	ctcgaaacc	60
ggtagcgctt	gcagcatggc	tgaccaactg	actgaagagc	agattgcaga	attcaaagaa	120
gctttttcac	tatttgacaa	agatgggtgat	ggaactataa	caacaaagga	attgggaact	180
gtaatgagat	ctcttgggca	gaatcccaca	gaagcagagt	tacaggacat	gattaatgaa	240
gtagatgctg	atggtaattg	cacaattgac	ttccctgaat	ttctgacaat	gatggcaaga	300
aaaatgaaag	acacagacag	tgaagaagaa	attagagaag	cattccgtgt	gtttgataag	360
gatggcaatg	gctatattag	tgctgcagaa	cttcgccatg	tgatgacaaa	ccttggagag	420
aagttaacag	atgaagaagt	tgatgaaatg	atcaggggaag	cagatattga	tgggtgatgg	480
caagtaaact	atgaagagtt	tgtacaaatg	atgacagcaa	agtgaagacc	ttgtacagaa	540
tgtgttaaata	ttcttgtaca	aaattgttta	tttgcccttt	ctttgtttgt	aacttatctg	600
taaaaggttt	ctccctactg	tcaaaaaaat	atgcatgtat	agtaattagg	acttcattcc	660
tccatgtttt	cttcccttat	cttactgtca	ttgtcctaaa	accttatttt	agaaaattga	720
tcaagtaaca	tgttgcatgt	ggcttactct	ggatatatct	aagcccttct	gcacatctaa	780
acttagatgg	agttgggtcaa	atgagggaa	atctgggtta	tgcttttttt	aaagtagttt	840
tctttaggaa	ctgtcagcat	gttggtgttg	aagtgtggag	ttgtaactct	gcgtggacta	900

tggacagtca	acaatatgta	cttaaaagtt	gcactattgc	aaaacgggtg	tattatccag	960
gtactcgtac	actatTTTTT	tgtactgctg	gtcctgtacc	agaaacattt	tcttttattg	1020
ttacttgctt	tttaaacctt	gtttagccac	ttaaaatctg	cttatggcac	aatttgccctc	1080
aaaatccatt	ccaagttgta	tatttgTTTT	ccaataaaaa	aattacaatt	tacccaatgg	1140
ttgctctgca	tctgagtcac	ttaactgttg	aagtctaata	atTTtgaaaa	taaaatatgg	1200
cattggTTta	aaaaaaaaaa					1219

<210> 7667
 <211> 2103
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (85)...(1396)
 <223> similar to gil806040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7667						
tcgtggcagc	cggagtcgtc	ttcgggacgc	gcctgctctt	cgcctttcgc	tgcagtcctg	60
cgatttcttt	ctccaggaag	aaaaatggca	tccgttgtag	ttgatccaca	accgagtgtg	120
gtgactcggg	tggcacaact	gcccttggtg	agctccacgt	atgacctcat	gtcctcagcc	180
tatctcagta	caaaggacca	gtatccctac	ctgaagtctg	tgtgtgagat	ggcagagAAC	240
ggtgtgaaga	ccatcacctc	cgtggccatg	accagtgtct	tgcccatcat	ccagaagcta	300
gagccgcaaa	ttgcagttgc	caatacctat	gcctgtaagg	ggctagacag	gattgaggag	360
agactgccta	ttctgaatca	gccatcaact	cagattgttg	ccaatgccaa	agggcgtgtg	420
actggggcaa	aagatgctgt	gacgactact	gtgactgggg	ccaaggattc	tgtggccagc	480
acgatcacag	gggtgatgga	caagaccaaa	ggggcagtga	ctggcagtgt	ggagaagacc	540
aagtctgtgg	tcagtggcag	cattaacaca	gtcttggggg	gtcggatgat	gcagctcgtg	600
agcagtggcg	tagaaaatgc	actcaccaaa	tcagagctgt	tggtagaaca	gtacctccct	660
ctcactgagg	aagaactaga	aaaagaagca	aaaaaagttg	aaggatttga	tctggttcag	720
aagccaagtt	attatgttag	actgggatcc	ctgtctacca	agcttcactc	ccgtgcctac	780
cagcaggctc	tcagcagggt	taaagaagct	aagcaaaaaa	gccaacagac	catttctcag	840
ctccattcta	ctgttcacct	gattgaattt	gccaggaaga	atgtgtatag	tgccaatcag	900
aaaattcagg	atgctcagga	taagctctac	ctctcatggg	tagagtggaa	aaggagcatt	960
ggatatgatg	atactgatga	gtcccactgt	gctgagcaca	ttgagtcacg	tactcttgca	1020
attgcccgca	acctgactca	gcagctccag	accacgtgcc	acacctcctc	gtccaacatc	1080
caagggtgtac	cacagaacat	ccaagatcaa	gccaagcaca	tgggggtgat	ggcaggcgac	1140
atctactcag	tgttccgcaa	tgctgcctcc	tttaaagaag	tgtctgacag	cctcctcact	1200
tctagcaagg	ggcagctgca	gaaaatgaag	gaatcttttag	atgacgtgat	ggattatctt	1260
gttaacaaca	cgccctcaa	ctggctggta	ggctccctttt	atcctcagct	gactgagtct	1320
cagaatgctc	aggaccaagg	tgcagagatg	gacaagagca	gccaggagac	ccagcgatct	1380
gagcataaaa	ctcattaaac	ctgcccctat	cactagtgcA	tgctgtggcc	agacagatga	1440
caccttttgt	tatgttgaaa	ttaacttgct	aggcaaccct	aaattgggaa	gcaagtagct	1500
agtataaagg	ccctcaattg	tagttgtttc	cagctgaatt	aagagcttta	aagtttctgg	1560
cattagcaga	tgatttctgt	tcacctggta	agaaaagaat	gataggcttg	tcagagccta	1620
tagccagaac	tcagaaaaaa	ttcaaatgca	cttatgttct	cattctatgg	ccatttgtgt	1680
gcctctgtta	ctgtttgtat	tgaataaaaa	catcttcatg	tgggctgggg	tagaaactgg	1740
tgtctgctct	gggtgtgatct	gaaaaggcgt	cttactgctt	ttatctcatg	atgcttgctt	1800
gtaaaacttg	atttttagttt	ttcatttctc	aaataggaat	actacctttg	aattcaataa	1860

aattcactgc	aggatagacc	agttaaaaaa	aaaaaaaagg	ggcgcccttt	ttaaaggacc	1920
cttggggggc	cccaagcttc	cccggccttg	caacgtatta	atcttctcct	tatggggggc	1980
ctaattaaac	cctccctggg	caccttggga	aagaaccctt	ccttctgggg	ggtgccatat	2040
tggaccaacc	ccctacaga	cattaaaggc	tttagggtaa	aattaacctt	tttacggggt	2100
ttg						2103

<210> 7668
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (805)...(256)
 <223> similar to gi877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7668						
tttttacaga	gctcatttta	tttaagtcct	atcttagaac	aaaggaaaca	gtcttaggca	60
aggcaaaactc	acagttggct	actcaatgto	ttttatttct	gcctgttttt	tggccccaga	120
aaatgcaata	ttttgacaca	gaaaaaaaca	ttaggatgag	tgtgaaatca	aatacgattc	180
tggtttttga	gctgacattt	attcatttgg	agccacatgg	ctgtcccagg	gcctgggtccc	240
caggtcatgt	gcttaaagct	tccaggcggt	tctcatcatg	atgatgaagt	acacatcagt	300
gtcaatggat	gcgctcacac	ctgcatagta	gttcatgaac	tcctcagggg	tcaccaatcc	360
atctttgtca	taggggtgaat	caaagttatc	cagaaatttc	ctaaataactt	gttccctcaact	420
ccattcccca	ttctgggtact	ttgggtgggtg	ttttgcatta	tatacttcac	gaagggtcttc	480
gattgttata	acaccatctc	cagtcttgto	taactttcta	aaagcttgca	tgattacctc	540
ttttctggct	ctggacattg	gaggtcttaa	tgtgagaaga	aattcattga	agtctattgt	600
tccatttcca	tctttatcaa	acctctggaa	aagttcttcc	acctcttctt	ttcccatgac	660
cacagcataa	tcatttaacc	ctttcataaa	ttctttaaaa	tcaagggttc	gattattatc	720
gtcatccata	attctaaaca	ctctgccaaag	tcctttgatc	ccagcagagc	ccctggccag	780
gcactgcagt	cggagtcttt	caatggggto	ggtgcccgto	gtgagctttt	tcttggcctg	840
gatcgccatc	tctcggtcat	ggcgcgctgt	ccctgccatc	ttaaatgcta	accttttgcc	900
accagttgct	tcgaa					915

<210> 7669
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1357)
 <223> n = a,t,c or g

<220>

```

<221> misc_feature
<222> (1306)...(1015)
<223> similar to gi558396 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7669
tttttttttt tttagtaaaca acctagtctt ttattttgcc aaggccggct gttgcaagca      60
ctgaggcccc aagacttcca gaagggaagg ggaggagggg caaagcactg tgcctaccag      120
gtgctgcctg ccccgctcctg cttcctgcag gaggtgggaa gggagagaaa acggacattc      180
gcgccatcaa gtatctcccc agttttcagc cactatattc agttgtggag gaggaaactg      240
aggcacacgc atccccccag gcttctactt gctagtccaa ggtttaactt actccctccc      300
ctcatctcta cccccagcag aatgagctgt aagcagcctg gggagggtct caggagccca      360
tctggtggcc tgtggagcgg ggcaggccag ccagggtcaa gggctagggg tggggggagc      420
aggaggggtg tggctggagg agcagctgct ggcgggtggg ggagtcggca ctcaataggg      480
gaccccgact ggggttccat actgatagca gtgggggaca ggcagagccc tcagctgtac      540
agacagggaa attgaggctg agaagcctcc agtctttggg tagggagggg ccttccttca      600
gctactcagg tccattcatc ttccccatga agacgctggc tctggggctg gagcgccctg      660
tcagcggcca ctccatgttt agactgaggt acaaggagtg gaaggcagcc aggtcacctg      720
gccacagagc ctccctcaac tcttgacaaa ctggagggga accctcccc accacagctg      780
ctggaaaagg gagtgcctgg ctctggcgcc tgtctgcctt ccgctgctca cgtgcttgag      840
aaaggctcat ttttagcacc tggcctcttt tcctgcctg gagggagctt aggggacaga      900
gcaggaaga aggaggcaa gggggacagg gagacctgga agcagggccc aaggggatgt      960
ctgattgctt cgttctcccc tctaagggtg ccaggccca gagaagggcc ctcagccgcc     1020
gtgcagagtg gagatgaaga ggacgctgtc ctggtcctga agctggtagt ccagctcacc     1080
cagtagctcc cagtcggcat cgttaatcag caccagaatt cctggccgca cgtgtctcc     1140
ctggatgaac aactctggcc gctcttttag caaattcttc ttgatccaga tgagcaggtt     1200
ccggatgtcc cagggttcct cctgtccagg caaagtgact cgatgtttct taataccgtc     1260
aaacaggagc tccgcaccac ctccgaactc cacctccact gacaagggcg cagccatgtt     1320
gaggcagccc ctcgtgccaa gaanggctgt ggcacac                                     1356

```

```

<210> 7670
<211> 2520
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (131)...(1274)
<223> similar to gi307377 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7670
gggcggcgcg ctgcagtgcg gggacccgct cgctcgctcg ccagccgtcc ccgcgccccg      60
cgtccccgcg cagccgcctc ctggcctcgg gcgccgcgca tccaggaagg aagcagccac     120
cctcgccatg gcctccccgc ccgcctgccc ctcggaggag gacgagagcc tgaagggtg      180
tgagctgtac gtgcagctgc acgggatcca gcaggtcctc aaagactgta tcgtccacct      240
ctgcatctcc aagcccgaac gcccatgaa gttcctccgg gagcacttcg agaagctgga      300

```

gaaggaagaa	aacaggcaga	ttttggcgcg	gcaaaagtca	aactcacagt	cggactccca	360
tgatgaggag	gtgtcgccca	cccccccgaa	ccctgtggtg	aaggcccgcg	gccggcgagg	420
aggcgtgagt	gccgaggtgt	acaccgagga	ggacgccgtg	tcctacgtca	ggaaggtgat	480
tcccaaggac	tacaaaacca	tgactgcgct	ggccaaggcc	atctccaaga	acgtgctctt	540
cgctcacctg	gatgacaacg	agaggagtga	catattcgat	gccatgttcc	ctgtcactca	600
catcgctggg	gagactgtta	tacagcaagg	gaatgaagga	gacaacttct	atgtcgttga	660
tcaaggggaa	gtggatgtgt	acgtgaacgg	agagtgggtg	accaacatca	gcgagggagg	720
cagcttcggg	gagctggcgc	tcattctacg	cacccccagg	gctgcgaccg	tgaaagccaa	780
gacggacctc	aagctctggg	ggatcgaccg	ggacagctac	cggcgcatcc	ttatgggcag	840
cacgctgagg	aaacgcaaga	tgtacgagga	gttcctcagc	aaggtctcca	tcctagagtc	900
cctggagaag	tgggagcgtc	tgaccgtggc	ggatgcgctg	gagcccgtcc	agtttgaaga	960
tggagagaaa	attgtgggtc	agggagagcc	tggggacgac	ttttacatca	tcacggaggg	1020
caccgcgtcc	gtgctgcagc	gccggtcccc	caatgaggag	tacgtggagg	tggggcgctt	1080
gggaccctct	gactacttcg	gggagattgc	actgctgctg	aaccggcccc	gggcgggcac	1140
tgctgtggcc	cgggggcccc	tcaagtgtgt	gaagctggac	cggccccgct	tcgagcgtgt	1200
gctggggccc	tgctctgaga	tcctcaagag	gaacattcag	cgttacaaca	gcttcatctc	1260
cctcaccgtc	tgagcacagc	tcccgcctct	cagccccagc	tccccagtgt	ggtggccgtg	1320
ccctgctcgt	ctgtgtcggg	ggccccggag	ccgctgtgtg	aggtgtgggc	cgggtggggc	1380
tgggtccccg	cagcgtgagg	actgccccct	ccccggactc	actttttgga	ataaatgatc	1440
accttgtgca	tttccaaatc	aaaggacaag	cggacaaaat	gcattcccaag	atcaaggaag	1500
ggacaggcca	gcttcctccc	cacacgcctc	cccggctgcc	tctgtgggct	tctcctgggg	1560
ggccaccccc	acccttgcca	gtctcctgga	gatgcttgag	gatcggtcct	ccccagaacc	1620
aggccaggac	gttgcccctg	gggcctggtg	accctgtgag	gtcaggtccc	ccagattgag	1680
gtctgagtgt	gggcaagtgt	gtcaaaaggg	gctgcccccc	aggggagatg	aggctgagag	1740
cagggagtgt	aggccgaaga	agtcaaggcc	cctcccgcaa	atgtgtacc	ctgcccgcgc	1800
cactgcaccc	cgccgcaccc	ccacctcccc	cgggggccct	gctgcggatg	ccggagtggg	1860
agagtctctg	agctgtgaga	ttgatcttgc	ccctaattgg	agaggaagcc	gggcgccaag	1920
acacacgggg	ctcctgcctt	gggagccagg	gccgcggccg	caggtagacc	ccagtggggg	1980
gggcccgggt	cgaagtccct	ttgggagggg	ctggcgggac	tccagcaggc	cgctcctacc	2040
tttcttagaa	agtccaccca	gggcaagttg	atgttggggg	aaagcagaag	tcaagccagc	2100
cgcgggcccc	acacgccttg	acccgctcaa	ccgacttgct	ccttaaattg	gtcttggtac	2160
ccgcagtgat	gacgtgagcc	agccaggccc	gaaaggggtg	ggccagtgca	gagaagcttc	2220
ccaggggatt	cctgggttcc	cccgaagac	aagcgaggtc	attgcagttc	acccgatgtt	2280
gctcctgtcc	cgtgcgtccc	ggggaggctg	tccttggtcc	gaggctgctc	gttgacgccc	2340
ctcccctgct	ggcgggttac	atgcgtgggg	tccccctccc	caccagcccc	cggccacgtc	2400
gccgtgtccc	gcctgtgcct	gtgacgtccc	tgtggacctg	tgagccatcc	cccccttat	2460
ctctgctctg	aatactgcat	gaagcattaa	acgtgcaatg	aagcggacgc	gtgggtcgac	2520

<210> 7671

<211> 1549

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(1461)

<223> similar to gi2832331 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7671

gaattccgcc	gctgctacac	gcctgggtggg	cagcatgtcg	gcaacagcgg	ctgctcgtaa	60
gcggggaaaag	ccggcctctg	gggccggggc	tggcgcgggg	gccggcaagc	ggcggcgaaa	120
ggccgactct	gcgggggaca	ggggcaaatc	caagggtggc	ggcaagatga	atgaggagat	180
ctccagcgac	tctgagagcg	agagcctagc	tccaaggaag	cctgaggagg	aggaggagga	240
ggagctggag	gaaactgcac	aggaaaagaa	gctgcgcttg	gccaagctct	acctagagca	300
gctccgtcag	caagaggagg	agaaggctga	ggcccgtgca	tttgaggagg	accaggtggc	360
ggggcgccctg	aaggaggatg	tgcttgagca	gaggggcagg	ctgcagaagt	tggtggcaaa	420
agagatccag	gccccagcct	cagctgacat	tcgcgtttta	cgggggcacc	agctctctat	480
cacatgtttg	gtcgtcaccc	ccgatgactc	agccatcttc	tctgctgcca	aagactgcag	540
catcattaag	tggagcgtgg	agagtggacg	gaagctgcat	gtgattcctc	gagccaagaa	600
gggtgccgag	ggaaagcccc	ctggccacag	cagccacgtc	ctctgcatgg	ccatctcctc	660
cgacggcaag	taccttgcc	ctggtgaccg	cagcaagctc	attctcattt	gggaggccca	720
gagctgccag	cacttgta	ccttcacagg	acaccgggat	gcagtgtcgg	gtctggcatt	780
ccgcagaggc	accaccagc	tctacagcac	atccacgat	cgctccgtga	aggtgtggaa	840
tgtggcagag	aactcctacg	tggagacgct	cttcggacac	caggacgctg	tggtgcact	900
ggatgccttg	agccgggagt	gctgtgtgac	ggctgggggc	cgggatggga	ctgtacgtgt	960
gtggaagatc	cccaggaggt	cccagcttgt	cttctatggc	caccagggtc	ccatcgactg	1020
catccaccta	atcaatgagg	agcacatggt	gtccggcgcg	gacgatggct	ctgtggcctt	1080
gtggggctctc	tccaagaagc	gaccacttgc	cctgcagcgt	gaagctcacg	ggctgcgggg	1140
agagccaggc	ctggagcagc	ccttctggat	atcgctcggtg	gcagccctcc	tcaacacaga	1200
ccttgaggcc	acaggctccc	acagctcctg	tgtgcggctt	tggcagtgtg	gggaaggctt	1260
ccggcagctt	gaccttctct	gtgacatccc	cctgggtgggt	tttatcaaca	gcctcaagtt	1320
ctccagctct	ggggacttcc	tggtggctgg	ggtagggcag	gagcacaggc	ttggccgatg	1380
gtggagaatc	aaagaggctc	ggaattctgt	ctgcatcatc	ccactccgca	gggtccctgt	1440
acccccagct	gctggttcct	gacactctta	tcctccttat	ttaagtcctt	cccaggctat	1500
gccccaccct	ctttgtatta	aaagcctcct	cttttgggca	aaaaaaaa		1549

<210> 7672

<211> 1918

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (429)...(616)

<223> similar to gi2304977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7672

actgagctga	aatcctaaag	gccgcggagt	cggcggtgtt	gtaggtagcg	gtaccttgag	60
tggcaacaga	attcgattaa	attacaatgg	gaaacatttt	tgaaaagctc	tttaaaagtc	120
tacttgggaa	aaaaaagatg	cggattctta	tattgagttt	ggatacagct	ggaaaaacca	180
ccatcttgta	taaattgaag	ctgggggaga	ctgtgcctgc	cgctccctaca	gtaggtttct	240
gtgtgggagac	agtagaatat	aaaaataaca	ccttcgctgt	ctgggatgtt	ggcagccact	300
tcaaaatcag	acctctgtgg	cagcattttt	tccagaacac	aaaagggtgcc	agaagcccag	360
gaagcacaca	tcaaggctca	cttgccagcg	gggtgctgcc	aataaaatgt	agtcacgtgg	420
aatttggaat	gtggaaagga	ggtagaagtc	atcctttcct	cccccatagc	agcaggtgtg	480
caggctctgg	tggtcagctg	gactccatac	tccccacca	gtcaccagcc	tggggaccgt	540
ggggctgcaa	ggacctcagc	agcggtttcc	caagtttcct	gacttcttcc	atcctctgga	600
aatcagctgt	ggtaaagtag	cctgaaagcc	agtggtgcaa	ccccatcccc	acaaccttca	660

ccacctctag	cacctccagt	gataagcact	aattgcctat	atacaaccct	tttttgtttg	720
aaatatctag	agtaatttct	gttttcctat	ctggggtagt	gtaacataag	aagaaatata	780
tatttggctc	ctgccccag	ttcctaacac	aaagctccta	aaacccttgg	aaattcctga	840
atgatggcgg	tgctaagagc	attgtccttt	gttaatttat	catttttctt	ttctcctagg	900
tgttttttcc	tttttaaaact	tttcttttag	gttagggggg	acatatgcac	gttcgttata	960
tagctaaaact	tgtgtcatgg	gggtttgttg	tacagattat	ttcatcaccc	aggtaccaag	1020
cctagtaccc	aatagttttt	tctgtccttc	tccctcctcc	caccctccac	cctcaggtag	1080
ggcccagtg	ctgttggtta	tgagttctca	tcattttgct	cccacttaaa	agaacataca	1140
gtatttgggt	ttctgttctt	gtcttagttt	gctgaggata	atggcctcta	gctccatctg	1200
tgttcctgca	aaagacatga	tctcgctgtt	ttttatgggt	gcacatcttt	tgttctaaaca	1260
tttggctcct	aaacctgggt	cctgacacag	agctcctaaa	tcccttggaa	ttttctgggt	1320
gatagaagcg	tcctttgttc	tcatgaggtg	actcttgggt	ggctccttat	ttggggactg	1380
gtcaccaaaa	agacctatgg	ttggaagcgt	tgtgctgtca	gccccattcc	ccatcctctg	1440
gcgtggggag	tagagctgga	gctcaatcat	gcctacgtga	taaagcctcc	agaaaactcc	1500
ttaaaagaca	ggacttggag	agcttccggg	ttggcgaaca	catccatgtt	ccaggagagt	1560
ggtgcacccc	aactccacaa	ggacccttcc	aaacctcacc	ctgtgtatct	cttcaactgg	1620
cttcatcatt	tgtgtccttt	aaaatatcct	ttgtaataaa	tcagcactag	taagaaaact	1680
gttttctctg	gttccatgag	ctgttctagc	aaatgttcaa	acctgaggag	ggagttgtgg	1740
ggacctccaa	tttacagcca	gttggtcaga	tgcataaggt	atgcttggcc	ttgcacctgg	1800
ggtctgacat	gcggatggtc	ctgtgtgact	gagcccttaa	cctgtggagt	ctggtgctca	1860
ctctgcttag	ggcttctctt	gccttttttag	tgtctatcta	ggcgggcggg	cgcgtggg	1918

<210> 7673

<211> 2406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2320)...(1291)

<223> similar to gi4689108 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7673

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cacaatctaa	tacagaatca	atcatattca	ggacaccctg	aatgcaaata	cttcataata	180
cagttttata	gtttaatgga	caatgtttta	catggcacct	ctcaaactctg	atatatctgt	240
gtggtgctta	caatttgcct	tacactttca	tttaaagtta	ccctgttctc	cactcaccac	300
atgtataaaa	tatcctattt	tttctcttaa	tgttttacaa	accggttaatt	ttcactatca	360
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tctactatac	catttgtgaa	tgacacccta	gttacataac	acctacatat	ctgcccctgt	540
gagaattttac	cttagtcttc	taagactcta	tcttcaacag	ttagataagt	caataaccag	600
agttccaaga	aaagtagtta	ctttttaaga	ccaaattatt	gggataactg	gtcttgtcaa	660
tatggcttaa	cattaatatg	gctataacat	agggactagc	ccgttttttt	tttttattaa	720
caatgtgacc	tgatcacaat	tcttttaaagt	ctagactagt	tttccgtatg	ttttcccat	780
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agcaatgtct	gatttttgata	ccaccctatt	gctatgaaaa	tataagaagg	cgtcatcttc	960

aaagcaacac	tccagttggg	cttcttcac	gtttagctgc	atgatttctt	ctacgacatt	1020
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gaggtgttaa	tgtgtattat	tttctaaaag	aggtaagtgg	ttgtctgtgt	ggccatcctc	1260
aaaaggaaca	gaattgacag	gtttatagga	tccaagtctg	aaacgacagc	aaattatttc	1320
aactataaat	tttccaattc	catgtaacat	gcctgttggt	gaaaagattc	ctccaacaat	1380
accacagagt	cttacaaaaa	actgccagaa	tggcatgtgc	tcctcagtaa	ctgtcaccat	1440
aagagaactg	agatcatatt	tcataaatat	cccagagact	ccatggctgc	ctgcagcatg	1500
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cggaaaggca	tccaactctt	ttaccaaaact	taaagttttt	ttccgattca	gtcgcctcat	2340
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acgaaa						2406

<210> 7674

<211> 2500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (369)...(1981)

<223> similar to gi3874084 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7674

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gatttccact	aagtgtcttc	aaacctcccc	ctccccggct	tcctggataa	tagaagttcc	180
cgaaggccgc	cgattccaga	agatactgtc	tggcgtgaaa	ttagtttcag	tagaaacata	240
agtcgccgcg	gtcttgtgct	gcgcgtgcgc	aagcttttgg	gccctccga	gaaaggggaag	300
tgcattctcg	cttccttagc	ggctctccgc	ggttggggga	aagtaattcc	ggctgttgca	360
ccatggcgct	catggggacc	ctcgccttcg	atgaatatgg	gcgccttttc	ctcatcatca	420
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cagcaaaggc	tgtagcaaat	acaatgagaa	catcacttgg	accaaattggg	cttgataaga	540
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tgatggatgt	tgatcatcag	attgccaaagc	tgatgggtgga	actgtccaag	tctcaggatg	660
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aagaatgaag	acattgagaa	aactatgtag	caagatccac	ttctgtgatt	aagtaaattg	2040
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ctataataaa	aatagctgtt	tggttaacct	agtttcactt	gttcaaagct	gtgtaatcgt	2160
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tcctatctaa	atgggtgggc	catttgattg	tagagggtcc	accacagaat	tatgggatgc	2460
cttaagtgtc	gttactaggt	tgtcacagc	ctaacctggc			2500

<210> 7675

<211> 2824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (527)...(1851)

<223> similar to gil055177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7675

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ctggagccgg	gagccaccaa	cctgcagttt	tcagaatggc	cgtgttgga	actgatttgg	120
atcacattct	tccatcttct	gttcttctct	cattctgggc	taagttagta	gtgggatcgg	180
ttgccattgt	gtgttttgca	cgcagctatg	atggagactt	tgtctttgat	gactcagaag	240
ctattgttaa	caataaggta	acaaggaggg	agcgattctt	tccaccttct	gggtgctgct	300
gagtatcttt	ctgggagcag	tggccatgct	gtgcaaagag	caagggatca	ctgtgctggg	360
tttaaatgct	gtatttgaca	tcttggtgat	aggcaaattc	aatgttctgg	aaattgtcca	420

gaaggtacta	cataaggaca	agtcattaga	gaatctcggc	atgctcagga	acgggggcct	480
cctcttcaga	atgacctgc	tcacctctgg	aggggctggg	atgctctacg	tgcgctggag	540
gatcatgggc	acgggcccgc	cggccttcac	cgagggtggac	aacccggcct	cctttgctga	600
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aagattaaat	cccaagtatg	ttcatgccat	gaataatctt	ggaaatatct	taaaagaaag	1260
gaatgagcta	caggaagctg	aggagctgct	gtctttggct	gttcaaatac	agccagactt	1320
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cctcgggcgt	ctgtatgcag	atctcaatcg	ccacgtggat	gccttgaatg	cgtggagaaa	1500
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gagaagaaag	ctagaactaa	tgcaaaaagaa	agctgtctga	tcctgtttcc	ttcatgtttt	1920
gagtttgagt	gtgtgtgtgc	atgaggcata	tcattaatag	tatgtgggta	catttaacca	1980
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tattttttca	gacaactcaa	atgtaattct	aaaattccaa	aaatgtcttt	tttaattaaa	2160
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tttc						2824

<210> 7676

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (341)...(1935)

<223> similar to gi5262560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7676

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caaaaataca	catttttcta	ttctactggt	gctttaccac	atgggttcagt	tgtagcctca	180
gaattacttt	atggaagaaa	ctgagtgtag	acagagagta	tgaggtctga	tggtcatgga	240
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agtgatgtta	gtcttatcca	tcctcctcta	tacatgtgag	atgtttcagg	attcagtggc	360
ctttgaggat	gtggctgtca	gcttcaccca	ggaggagtgg	gctttgctgg	atccttccca	420
gaagaatctc	tacagggatg	tgatgcagga	aaccttcaag	aacctgacct	ctgtaggaaa	480
aacatggaaa	gttcagaaca	ttgaagatga	gtacaaaaat	cccaggagaa	atctaagtct	540
tatgagagag	aaactctgtg	aaagtaaaga	aagtcatcac	tgtggagaaa	gcttcaacca	600
gattgcagat	gacatgctga	acagggaaac	tcttcctgga	ataacaccat	gtgaaagcag	660
tgtgtgtgga	gaagtgtggc	cgggtcattc	atctcttaat	acgcatatca	gagctgacac	720
tggacacaag	tcactctgag	atcaggaata	tggagagaat	ccatatagaa	ataaggaatg	780
taagaaagcc	ttcagttatc	ttgactcctt	tcaatcacat	gataaagctt	gcactaaaga	840
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caagcaatgt	ggcaaagcct	ttattcgtgc	cagttcatgt	cgagaacatg	aaagaactca	1920
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ttcctcagag	ttgtaggtct	ccagatatgt	cccagtgct	ccacattaaa	gataacatgc	2340
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atggctggaa	atactc					2416

<210> 7677

<211> 5138

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(1123)

<223> similar to gill136420 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7677

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ggcatttgca	aagctgctaa	accgtacctt	ggctgtccct	ccttggttg	agtaccagca	180
tcacaagcct	cccttcacca	acctccatgt	gtcctaccag	aagtacttca	agctggagcc	240
cctccaggct	taccatcggt	tcatcagctt	ggaggatttc	atggagaagc	tggcaccac	300
ccactggccc	cctgagaagc	gggtggcata	ctgctttgag	gtggcagccc	agcgaagccc	360
agataagaag	acgtgcccc	tgaaggaagg	aaaccccttt	ggcccattct	gggatcagtt	420
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gggcattcat	ctgctgcatg	gctctgactg	gaagaacgcc	tgtgccatgc	tgaaggacgg	720
gactgcaggc	tcgcacttca	tggcctctcc	gcagtgtgtg	ggctacagcc	gcagcacagc	780
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<210> 7678

<211> 1029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(755)

<223> similar to gil212946 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7678

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<210> 7679

<211> 3952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(1291)

<223> similar to gi4426603 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7679

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<210> 7680

<211> 2768

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (266)...(1138)
 <223> similar to gil770576 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7680

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aaaatgtaat	tttccagaaa	aacacctaaa	gaaaataaaa	catggacatg	cctagtaaaa	2760
aaaaaaaa						2768

<210> 7681
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (82)...(292)
 <223> similar to gi3878134 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7681
aggccgggttc cggcgaagtt aaaccctcgg agctggcctc ggactgctgg ggcgttacct 60
cttcggccac ccccgctgac catggcagtg tttcatgacg aggtggaaat cgaggacttc 120
caatatgacg aggactcgga gacgtatttc tatccctgcc catgtggaga taacttctcc 180
atcaccaagg aagatttgga gaatggggaa gacgtggcaa cgtgtcctag ctgctctctc 240
attataaaag tcatttatga caaagatcag tttgtgtgtg gagaaacagt cccagcccct 300
tcagccaaca aagaattagt taaatgctga agaagccttc aggaatccaa atcctgaaca 360
tttggaatga gccagatag aaatatcgaa tgcaaagcta ctggcttcac agagacaacc 420
atztatgatt tgctgttctg taagagtgtg gattctttct atcaactgcc tgatatcatc 480
ttcaggaagc aagtccataa catgacatat ctggattttg tgcttagaac cttaaattgg 540
aagcattctt aattatgcat ctaaatttaa aagaagataa tttcaaaaaca gtgctttctt 600
tcccttggtt tcatcatttt catatcttaa accaaattac ttcggtatct gacaacagca 660
tcatctacct cagtcattag gatttcttaa taaaaagag attgtatttt tgacttggtt 720
attaagatta taaaatttag cccttccttt gaaatatgac atcagctttg ctgttctaaa 780
tttaaaatta gttgcttcat cagtaccaca tttccagttt ctataccaag ccagtctcct 840
cagttttccc attagaatgg acatgttctg ttcagcgtgt catttctgta atgcttcatg 900
cagagagttt ggatcatagta ttaaagagaa aatacagtga ggtcacaatg tctccagagc 960
taaaagttag tgaacaagac agat                                     984

```

<210> 7682
 <211> 1974
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (70)...(1864)
 <223> similar to gi2230878 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7682

cccacgcgtc	cgctctggcg	cctgggttccg	cgcgcgcggag	cgcgctagcc	gcattgcgag	60
ccgaacccgg	gagctggcgc	catggtgctg	ttgcacgtgc	tgtttgagca	cgcggtcggc	120
tacgcgctgc	tggcgtgaa	ggaagtggag	gagatcagtc	tgctgcagcc	gcagggtggag	180
gagtcgctgc	tcaacctggg	caaattccac	agcatcgttc	gtctggtggc	ctttgttccc	240
tttgccctcat	cccagggttgc	cttggaaaat	gccaacgcgc	tgtctgaagg	ggttggttcat	300
gaggacctcc	gcctgctctt	ggagacccac	ctgccgtcca	aaaagaagaa	agtactcttg	360
ggagttgggg	atcccaagat	tggtgccgca	atacaggagg	agttagggta	caactgccag	420
actggaggag	tcatagctga	gacctgcga	ggagttcgtc	tgactttcca	caatctggtg	480
aagggtctga	cgatctgtc	agcttgtaaa	gcacagctgg	ggctgggaca	cagctattcc	540
cgtgccaaag	ttaagtttaa	tgtgaaccgg	gtggacaata	tgatcatcca	gtccattagc	600
ctcctggacc	agctggataa	ggacatcaat	accttctcta	tgctgttcag	ggagtggtag	660
gggtatcact	ttccggagct	ggtgaagatc	atcaacgaca	atgccacata	ctgccgtctt	720
gcccagttta	ttggaaaccg	aagggaactg	aatgaggaca	agctggagaa	gctggaggag	780
ctgacaatgg	atggggccaa	ggctaaggct	attctggatg	cctcacggtc	ctccatgggc	840
atggacatat	ctgccattga	cttgataaac	atcgagagct	tctccagtcg	tgtggtgtct	900
ttatctgaat	accgccagag	cctacacact	tacctgcgct	ccaagatgag	ccaagtagcc	960
cccagcctgt	cagccctaata	tggggaagcg	gtaggtgcac	gtctcatcgc	acatgctggc	1020
agcctcacca	acctggccaa	gtatccagca	tccacagtgc	agatccttgg	ggctgaaaag	1080
gccctgttca	gagccctgaa	gacaaggggt	aacaccccaa	aatatggact	cattttccac	1140
tccaccttca	ttggccgagc	agctgccaa	aacaaaggcc	gcatctccc	atacctggca	1200
aacaaatgca	gtattgcctc	acgaatcgat	tgttctctct	aggtgcccac	gagtgtattc	1260
ggggagaagc	ttcgagaaca	agttgaagag	cgactgtcct	tctatgagac	tggagagata	1320
ccacgaaaga	atctggatgt	catgaaggaa	gcaatggttc	aggcagagga	agcggctgct	1380
gagattacta	ggaagctgga	gaaacaggag	aagaaacgct	taaagaagga	aaagaaacgg	1440
ctggctgcac	ttgccctcgc	gtcttcagaa	aacagcagta	gtactccaga	ggagtgtgag	1500
gagatgagtg	aaaaacccaa	aaagaagaaa	aagcaaaagc	cccaggaggt	tcctcaggag	1560
aatggaatgg	aagaccctac	tatctctttc	tccaaaccca	agaaaaagaa	atctttttcc	1620
aaggaggagt	tgatgagtag	cgatcttgaa	gagaccgctg	gcagcaccag	tattcccaag	1680
aggaagaagt	ctacacccaa	ggaggaaaca	gttaatgacc	ctgaggaggc	aggccacaga	1740
agtggctcca	agaaaaagag	gaaattctcc	aaagaggagc	cggtcagcag	tgggcctgaa	1800
gaggcggctg	gcaagagcag	ctccaagaag	aagaaaaagt	tccataaagc	atcccaggaa	1860
gattagaatg	caaattggaca	ttctctggga	ggtggggcat	accatagccc	aaggtagacat	1920
ttcccacct	gtgccgtgtt	ccccataaaa	aacaaattca	caagaaaaaa	aaaa	1974

<210> 7683

<211> 2313

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(1099)

<223> similar to gi4580598 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7683

cgggtccggc	gggcggttgg	cttgagcggg	accggagctg	aggcaggaag	agccggcgcc	60
atggtggaga	aggaggaggc	tggcggcggc	attagcgagg	aggaggcggc	acagtatgac	120
cggcagatcc	gcctgtgggg	actggaggcc	cagaaacggc	tgcgggcctc	tcgggtgctt	180
cttgtcggct	tgaaaggact	tggggctgaa	attgccaa	atctcatctt	ggcaggagtg	240

aaaggactga	ccatgctgga	tcacgaacag	gtaactccag	aagatccccg	agctcagttc	300
ttgattcgta	ctgggtctgt	tggccgaaat	agggctgaag	cctctttgga	gcgagctcag	360
aatctcaacc	ccatgggtgga	tgtgaagggtg	gacactgagg	atatagagaa	gaaaccagag	420
tcattttttca	ctcaattcga	tgtgtgtgtg	ctgacttgct	gctccaggga	tgcatagtt	480
aaagttgacc	agatctgtca	caaaaatagc	atcaagttct	ttacaggaga	tgtttttggc	540
taccatggat	acacatttgc	caatctagga	gagcatgagt	ttgtagagga	gaaaactaaa	600
gttgccaaag	ttagccaagg	agtagaagat	gggcccagca	ccaagagagc	aaaacttgat	660
tcttctgaga	caacgatgg	caaaaagaag	gtggtcttct	gccctgttaa	agaagccctg	720
gaggtggact	ggagcagtga	gaaagcaaag	gctgctctga	agcgcacgac	ctccgactac	780
tttctccttc	aagtgtctct	aaagttccgt	acagataaag	gaagagatcc	cagttctgat	840
acatatgagg	aagattctga	gttggtgctc	cagatacgaa	atgatgtgct	tgactcactg	900
ggtattagtc	ctgacctgct	tcctgaggac	tttgtcaggt	actgcttctc	cgagatggcc	960
ccagtgtgtg	cggtgggttg	agggattttg	gcacaggaaa	ttgtgaaggc	cctgtctcag	1020
cgggaccctc	ctcacaacaa	cttcttcttc	ttcgatggca	tgaaggggaa	tgggattgtg	1080
gagtgccttg	gccccaaagt	aactcaagat	ttggcagccc	cagagatgcc	aactgcagca	1140
tgcccacctg	tattccctgt	ccccttcctt	catgaaggca	tctccaggca	aggaaaactg	1200
aagtcatttg	cccagatacaa	aacatttcct	gcaacgaagg	aggtggtgcc	gacgtgctgc	1260
ttcccatcac	cagcagctgc	tcgacaagg	gcgaggggtg	gctgtctttg	ttccagcact	1320
gttcaggctg	cctgtcatcc	cgggcctgcc	agctccccctg	agtgatgagc	acttccaagc	1380
accctctgc	cctttctctg	tccttatgct	gtcccggcct	cggcagccct	ctggggcatt	1440
gtgggagatg	cctgccagga	atgagcaagc	tctgttgctc	gggagcctct	tgacaccttc	1500
ttggacttat	tccccacctg	ataccttata	gagaaaagtg	tgaattcagg	tggagagtag	1560
gccagggccc	catgaggcac	cagtggaagc	acagctccaa	gttcagacag	gtgcccttag	1620
agaggaaaac	catgacaggc	aaatgcattt	cctctggagt	ttgagaccct	gacaaacaac	1680
aggtggcatc	tgggtgtgctg	ttcttgagtt	ttcgtttagg	attagttgag	ttccagctgg	1740
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ttgccttttc	agacctgagg	ctctaactca	agagattcct	cctctccctc	accattcctg	2160
ccaccatttt	ttctgggtga	tgcagcaaga	gttaaattgt	tcacattcta	gaatgtgtcg	2220
aagcttctgg	ctccaggtgt	ctaattggata	attcagctaa	atagcggcta	ttttcagtg	2280
caagaattat	aataataaag	ggcagtcaca	agt			2313

<210> 7684

<211> 1759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (230)...(1500)

<223> similar to gi4493522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7684

tttcgtgcgg	gccggtgcgc	ctggcagtcg	gctgcgtact	cctgcgagcg	ccggagaggg	60
gctggaggcg	gggcgagggc	gcggctcgag	gcatccctgc	agggcgctcc	tccgagtccc	120

tcggcgctct	gagcccacag	ggaagaagga	ggggccggcg	tcagtgcgt	cagcgagacc	180
gaggtgagcg	tgggcgttgc	cagtggtgct	ctgtcagtc	ctatggatta	tggcagggaa	240
agttaaattg	gtcactgata	tcgagaagtc	agtgtgatc	aataactttg	aaaagagagg	300
atgggtccaa	gtgacagaaa	acgaggactg	gaatttttac	tggatgagtg	tgcaaaccat	360
ccgaaatgtg	ttcagcgttg	aagctggata	tcggctctca	gatgaccaa	tagtcaacca	420
ttttccaaac	cactatgaac	tgacccgga	ggacctgatg	gtgaagaaca	tcaaaaagata	480
caggaaggag	ctggagaaa	aagggagtc	tctggcagaa	aaagatgaaa	atggaaaata	540
cctctatctg	gactttgttc	cagtcaccta	tatgctgcc	gctgactaca	acctgtttgt	600
agaggagttc	cggagagacc	cgtccagcac	ctggatcatg	aagccttgtg	gcaaggccca	660
gggaaagggc	atcttcctta	tcaacaagct	ctcacagatc	aaaaagtgg	cccgggacag	720
caagacatct	tcgtttgtgt	ctcaatctaa	taaggaagcc	tacgtgatct	ctctctatat	780
taacaaccgc	ttactaattg	gcgggaggaa	gttcgacctg	cgcttgtag	ttctggtgtc	840
cacgtaccgt	ccactgcgct	gttacatgta	caagcttggg	ttttgccgg	tctgcacagt	900
gaaatacacc	ccgagtacca	gtgagctgga	caacatgttc	gttcactctca	ccaacgtcgc	960
catccagaaa	cacggggagg	actacaacca	catccatggg	ggcaagtgga	cagtgaagtaa	1020
cctgcggctc	tacctggaga	gcaccgcgg	caaggaggtg	accagcaagc	tggtcgatga	1080
gatccactgg	atcatcgtgc	agtccttgaa	ggctgtggcg	ccggtgatga	acaatgacaa	1140
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gatcgagggtg	aatgcgtccc	cgtctctcac	gtccagcaat	gccaatgacc	gaatcctcaa	1260
gtacaacctg	attaatgaca	ccctcaacat	cgcgtcccg	aatggtgaaa	tcccagactg	1320
caaatggaac	aagtcgccac	ctaaggaagt	cctcggcaat	tacgagattc	tgtatgatga	1380
agaattggcc	cagggtgacg	gggctgaccg	ggagctgaga	agccgtcagg	gtcagtctct	1440
ggggcccaga	gcaggccgat	cgagagactc	agggagagcg	gtcctcacca	cctggaagtg	1500
agtcccacct	ggaccttata	aaaactactc	actccacctg	ggccctgct	gaagccctat	1560
tttgaaattt	cccttttgta	gagctttttt	cctttcctaa	gccctgtaaa	taaacgaagg	1620
cacttctttg	gaaggttatg	gagtcgtgtt	gactagtgtt	aaaggaaaca	attcatgcgg	1680
atgtataaaa	ctcgtctctt	ttttttttta	tttttaacct	aagcagaatt	ttcatattaa	1740
aaactcactt	ttttgacag					1759

<210> 7685

<211> 1783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1698)...(674)

<223> similar to gi4914578 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7685

tttttttttt	ttaaacattt	aaaaatttta	tttagagaca	agtctaccat	gtcacccgtaa	60
gtttatgcta	ctgctggaaa	tgaacaaatg	tagccccata	aggaagaaaa	gttgagagat	120
gccatagtgt	taaagacatg	gtagtcagac	ttctttgtaa	tcacatttct	atgataaatg	180
catagtataa	tttttgagg	tataaagaca	atttctaagg	atttatattc	tagttaatac	240
ctacaactct	aaacattact	taatacctca	tttaagctga	tttctttttc	tctagtcact	300
ttgcaaatgg	aaatgtaaga	attgaaattt	gtggctctac	cctcaagatt	ctcaaattaa	360
aacacagcta	ccatatacat	ggccagatca	aatgcttagc	gatgtttgaa	gtgttcacaa	420
gagaactatg	agcgtataaa	ctgtatgata	ttctatgaca	cagtaagtgt	gataaagtta	480
gtacaaagta	tttaaagata	tgtcagtcag	ctctttttat	atagaaaaac	aaaatctttt	540

acatacggaa	tggaaat	gtagaacaga	agttttttaa	aatttatatt	aaacattgct	600
taactagtaa	atcctgtcag	tgtagaaata	atTTTTTgt	aattctcaaa	gaagaaaata	660
gtatacgctt	taattcatgg	ttacgtagtt	ggctggaaaa	atgccagttt	gacctcgaag	720
ttttccttcc	caccaatcaa	aatgtgaatc	tgTTTTtgat	ataactgtga	ttctgtctcc	780
agcttgaaaa	ttcaaatecc	caggctgctg	tccttcaaat	gaatacagcg	ctgtcacttc	840
tatgggttga	ttcaaattgc	caactctctc	atgatatgctg	gaaagtccag	gatagagctt	900
atattcattt	ctgttacttt	gagagccaga	gttcagctgg	actggtgcag	atgactgctg	960
tggtcttgac	aatggctttg	gaggtaattc	tttagcagaa	gacttctctc	gctcccttgc	1020
tgcttttctt	gcattgattc	gttgtccttc	atTTTcatac	ttttcagtaa	aggaatcaag	1080
aatttcataa	agatcttcgg	cttgagcagg	ccgcggtgta	tctccaaata	aaatgtcata	1140
agctcggata	tcttgacaat	aaaatTTTct	attagTTTct	ttcctttcaa	tcaaacagct	1200
cccttctaaa	gacacgcctg	caaagagtcc	ccttgacttg	cagtacgtga	agacggcagc	1260
ggagcttctc	agggccacgt	ttccttccaa	gttctctccc	aagggcccaa	ccgccacagt	1320
caagttccct	ccgaggggtca	gatttccgcc	ttttgcaaaa	gcttctacag	cacgggtcata	1380
attcagaatt	atcaccaagt	ctgatacctc	aattcctatt	tcaaatectc	caccaaggcc	1440
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cccgtgcct	cctctggcag	tcaccaggaa	cccggctttg	atcacagaca	gaattgcaag	1560
gccttttagcc	ttcgcaatta	cgtgagcagg	aatgatctta	tcagggtccat	ttctggaagt	1620
tatttctgtg	aattctctta	atattttggc	agcctTTTTt	gcttctgatt	tcaaattgga	1680
aggtataggg	ttattcacgt	cataggaccg	cctccgcagg	cgcaactggag	ccgattgcgc	1740
aggcgtggct	ctcacaacgc	gctgccttgt	tggcgttggt	gcg		1783

<210> 7686

<211> 1132

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1133)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (661)...(132)

<223> similar to gi4929711 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7686

TTTTTTTTT	ttaataccat	tctgtgattt	aaactTTTct	attggtgact	tttagttgta	60
taggcacgga	aaggaaaatc	aattgttttc	tttaatgctg	agaatttttg	ttaatatttc	120
tggacatttc	ataaaacatc	ttttgttgac	attctacaaa	tgatagcatc	caataatgtc	180
ccaatacttt	cttcttgatga	agagagttta	tatatctttt	tgacttctgt	aatattcatt	240
atttcaggaa	gatttttcag	agaaacctga	tgaccttcta	cttgagatat	taggtattct	300
tgatttattt	gtttttctcc	ctcttcaatg	taaacaatta	gaattgaagt	gtcatttgct	360
gagataccaa	atTTTTtcaa	agcctctgaa	atattgttat	ttggggaaag	gttgaaaata	420
atttcagtag	atagagttct	tgtcttcatt	tttcccagtt	tgtagagggtg	aactgctttg	480
tttgctgcc	caagtatctg	aaatggatca	acaatcactg	taggatttat	cagtgatcca	540
tcgatggtgc	cttccatggc	ctttcttctc	aagtctcccg	cattttttac	atctttaaat	600
aacagaaggg	ttaccctgca	ttcgggaaat	aggtccagct	gatgtgttaa	ctgcatttca	660

cagataagca	ggattctaca	tccggccccc	agtgcgtctc	ggaagagctc	ccgctccgaa	720
acaaagccca	caacttcg	aagcgatggc	caatccccgt	cttcttcgag	ccagtttccg	780
gataggcccg	ctcgggggtg	ccatctgttt	ccgggtcctg	gtaggagggt	tgcttccgcc	840
catggtcccc	cccattcttc	cgcctcccca	acctgggtcc	cgtcaacgga	cgcgaaggag	900
aacaggggct	gtatatcact	tccggcgaag	gaaatggaag	aatctatggg	ctgggaccgg	960
aagctggggg	ctggttttga	gtctcggttt	tgtcttaacc	tgtgttgggc	gttgcaccgg	1020
gcgacctcag	tttcttctcg	tacaaggaaa	agtactgacc	aaaatgagtt	ctacatacat	1080
ttccgctgct	ggagatttct	ttnttccacc	ggcnctcaat	agtgggtctca	tg	1132

<210> 7687
 <211> 1299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1300)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1045)...(466)
 <223> similar to gi5138930 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7687						
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tgacacagca	tatacatata	tttagataat	atataaaaca	tagaataaac	ccgcaggaag	120
aaatattggt	tctgggaatt	cctttatggg	ccatctttta	ttctgtaagt	tcatggtaaa	180
aggtatctcc	ccccacactg	gggggtnagg	cggcggaata	agctccagcg	tttcatgcgc	240
cactcacagg	actggcttac	ccccactggc	acttacaatg	gcagtcacag	agttacgggc	300
atgttcaccg	gtgtccatga	caaggcaaca	ccaagtataa	ataacaggaa	cttacaggca	360
gagcaaaacta	agataaaatat	gtttttgcat	cgtcctccac	atagtttctt	tttaaaaaga	420
agagtcacat	ccaggggtct	atccctcgag	tcacaattcc	agttattgct	ttgccttggt	480
ctgaactggg	agatacagtt	tgaactctgc	cggcagctca	tcttctgagt	agagtctgtc	540
tgagaagtaa	acccgtcgga	tgcgacaatt	tgcatggatc	tgactctga	gggtctcgat	600
gtaattgggtg	ccgtatgctc	gccgtgtgaa	gtctagcaag	ttgaactgaa	tctggttcca	660
gccgtcatcc	agccgcatgg	gcatgggtgca	gatgaagggt	ttgaccggg	tggtgctctg	720
gtagttactt	gcccgaagc	gacgacgcac	attcttgtca	tctagtacct	gcacttcgaa	780
ggtaaaatac	ttcttcaggt	ttttgataat	catgacaagg	aaaggaagtt	taattcccag	840
cgtcttcttg	gggtctgcag	ggcatgtgat	atatgtgggtg	cttacatttg	tcccttcaat	900
ctctagcacc	agggactgga	tgctcattatc	agtgattctt	ttgatgtggc	cattccgtac	960
ctttttgtcc	cagatttgca	gaggcttgct	gccgatgctg	tagaggatgg	agaggaagcc	1020
gctctggaac	gtgtttttga	acatctcgcc	ggcggccttc	tcctaagccg	cccccgagc	1080
cgacctaggc	cccggagtag	atacaggcac	cgagcgtcga	gggcacagca	gcaggccggc	1140
cctgttccga	agaaggggtg	ttgagctcct	ggcctccgga	tctgcagcca	ctgatggccg	1200
gactcggacg	cggcaacgct	aagtccgcga	tcttcagctc	ctaagctgcg	agctcagaac	1260
ggaaaccaca	gcaactaccg	tccgcgccgc	ggtatttcc			1299

```

<210> 7688
<211> 2342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (52)...(1746)
<223> similar to gi5262560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7688
gcaggttggt gtcgggatac cagatttcoct actccgagag gccccgggtc cctctgccac      60
aacttctgtc gctctgccgc ctgcaccgtg acccgcaacta ttcacgggag ccctagagag      120
gacaccggga caccagaag cgggaaatg atgtttcagg attcagtggc ctttgaggat      180
gtggctgtca gcttcacca ggaggagtgg gctttgtctg atccttccca gaagaatctc      240
tacagggatg tgatgcagga aaccttcaag aacctgacct ctgtaggaaa aacatggaaa      300
gttcagaaca ttgaagatga gtacaaaaat cccaggagaa atctaagtct tatgagagag      360
aaactctgtg aaagtaaaga aagtcacac tgtggagaaa gcttcaacca gattgcagat      420
gacatgctga acaggaaaac tcttcctgga ataaccocat gtgaaagcag tgtgtgtgga      480
gaagtggca cgggtcattc atctcttaac acgcatatca gagctgacac tggacacaag      540
tcacttgagt atcaggaata tggagagaat ccatatagaa ataaggaatg taagaaagcc      600
ttcagttatc ttgactcctt tcaatcacat gataaagctt gcactaaaga gaaaccctat      660
gatggtaaag aatgtacaga aaccttcatt tcccatcat gcattcaaag acacagggta      720
atgcacagtg gagatggacc ttataaatgt aagttttgtg ggaaagcctt ctattttctc      780
aatttatgtc ttatccatga acgaattcac actggtgtga aaccatataa gtgtaaacaa      840
tgtggttaagg cctttactcg ttccactacc cttccagtac atgaaagaac tcacacagga      900
gtgaatgccg atgaatgtaa agaattgtgg aatgcattca gttttcctag tgaaattcgt      960
agacataaaa ggtctcacac tggagaaaaa ccctatgagt gtaagcaatg tgggaaagtc     1020
ttcatttctt tcagttccat tcagtatcat aagatgactc acactggaga gaaaccctat     1080
gaatgtaagc agtgtgggaa agcctttaga tgtggctcac accttcaaaa gcatggaagg     1140
actcacactg gagagaaacc ctatgaatgt aggcaatgtg gtaaagcctt cagatgtacc     1200
tcggaccttc aaaggcatga aaagacacac actgaggata aacctatgg atgtaagcag     1260
tgtgggaaag gcttttagat tgcttcacaa cttcaaattc atgaaaggac gcacagtgga     1320
gagaaacccc atgaatgtaa ggaatgtgga aaagtattca agtatttttc ttcttgcgt     1380
atacatgaaa ggacgcacac tggagagaag ccccatgaat gtaagcaatg tggaaaagca     1440
ttcaggtatt tctcttcctt gcatatacat gaaaggacac acactggaga taagccatat     1500
gagtgttaagg tatgtggcaa agccttcaat tgttccagtt ccattcgata tcatgaaagg     1560
actcacactg gagagaaacc ctatgaatgt aagcactgtg gtaaggcctt tatttccaat     1620
tacattcgat atcatgaaag gactcacact ggagagaaac cctatcaatg caagcaatgt     1680
ggcaaagcct ttattegtgc cagttcatgt cgagaacatg aaagaactca taccattaat     1740
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gaaacacaag aaaagagagt ggtgaaagaa cctctggata actgcttttt gaattgagaa     1860
gagagacttg cgataggaca ataaaatcta gaagaacttg gatggtttcg taatacaatt     1920
cacctatagc caatcttgca tgagatttca aaggcacaga aaaggaaggc atcagtcaca     1980
tattagaggc cccacacagg gagagaggtg tgtggctacc cgcttcagc ccattttcct     2040
gattctttgg cttgttaatc ggagaatatc ccccaaatca cttgtctctg ttctcagag     2100
ttgtaggtct ccagatatgt cccagtgct ccacattaaa gataacatgc ccactttgct     2160
gtttcttcag aaatgttaaa atgtttacca gagaactaat aaatgttggt atggctggaa     2220
atactcactg atgcccaact cttctataga ttgagttggt ttaagaggtc tactttgtat     2280
tgcaagcatt gttgtttcta cggattagcg agcctgttct tgattaaacc aactagatgg     2340

```

```

<210> 7689
<211> 889
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (867)...(155)
<223> similar to gi33728 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7689
tttttttttt ttctgattga caatgagaat atttattgag ggtttattga gtgcagggag      60
aagggcttga tgccttgggg tgggaggaga gacctctccc ctgggatacct gcagctctag      120
tctcccgtgg tgggggtgag ggttgagaac ctatgaacat tctgtagggg ccactgtctt      180
ctccacggtg ctcccttcat gcgtgacctg gcagctgtag cttctgtggg acttccactg      240
ctcaggcgct aggctcaggt agctagctgc tggcccgcgt acttggtggt tgctttgttt      300
ggaggggtgt gtggtctcca ctccgcctt gacggggctg ctatctgcct tccaggccac      360
tgtcacggct cccgggtaga agtcacttat gagacacacc agtgtggcct tgttggcttg      420
aagctcctca gaggagggcg ggaacagagt gaccgagggg gcagccttgg gctgacgtag      480
gacggtcagc ttggtccctc cgccgaatat tacaatgcct ctacccatgt agagcacaca      540
gtagtaatca gattcactct ctgcctgggc ccccgatgata gtgagggcag atttgttccc      600
aaggatggag ccagagaagc gatcagggac cccagaagag cgagtgtttg tgttgtagat      660
gagcgtgcgt ggagcctggc ctgggggtctg ctggtaccag ctgggggagt aactagtaga      720
gcctgagcca gagctcaagc cacaagttag tgtgactgtc cctccagggg acattgagaa      780
cgatggctcc tgggtcacca cagtctgaga atccactcct gatccataag caaggagtcc      840
gaggagaagc atcatccagg ccatgggtgg ggacactcat gaaggctag      889

```

```

<210> 7690
<211> 2711
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (466)...(1698)
<223> similar to gi5231143 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7690
tttcgtggcg cggcgcatgt cccggccgag tgtggcgag cagtggcggc gcttccatt      60

```

cgccatgcgc	cgggggtggg	tgcccgaagg	ttgcatgatg	gaatttgaac	attacttcaa	120
gaggttttgt	attttggatt	agttaattgg	gtttgtcctc	tgctgactgt	ttcttcggat	180
gcattttttg	gtgtgctctt	gagggattaa	atgcaaagag	atcacaccat	ggactacaag	240
gaaagctgcc	caagtgtaa	cattcccagc	tccgatgaac	acagagagaa	aaagaagagg	300
tttactgttt	ataaagttct	ggtttcagtg	ggaagaagtg	aatgggtttgt	cttcaggaga	360
tatgcagagt	ttgataaact	ttataacact	ttaaaaaac	agtttcctgc	tatggccctg	420
aagattcctg	ccaagagaat	atttggtgat	aattttgatc	cagattttat	taaacaaa	480
cgagcaggac	taaacgaatt	cattcagaac	ctagttaggt	atccagaact	ttataaccat	540
ccagatgtca	gagcattcct	tcaaatggac	agtccaaaac	accagtcaga	tccatctgaa	600
gatgaggatg	aaagaagttc	tcagaagcta	cactctacct	cacagaacat	caacctggga	660
ccgtctggaa	atcctcatgc	caaaccaact	gactttgatt	tcttaaaagt	tattggaaaa	720
ggcagctttg	gcaaggttct	tcttgcaaaa	cggaaaactg	atggaaaatt	ttatgctgtc	780
aaagtgttac	agaaaaaat	agttctcaac	agaaaagagc	aaaaacatat	tatggctgaa	840
cgtaatgtgc	tcttgaaaaa	tgtgaaacat	ccgtttttgg	ttggattgca	ttattccttc	900
caaacaactg	aaaagcttta	ttttgttctg	gattttgtta	atggaggggga	gctttttttc	960
cacttacaaa	gagaacggtc	ctttcctgag	cacagagcta	ggttttacgc	tgctgaaatt	1020
gctagtgcac	tgggttactt	acattccatc	aaaatagtat	acagagactt	gaaaccagaa	1080
aatattcttt	tggattcagt	aggacatggt	gtcttaacag	attttgggct	ttgtaaagaa	1140
ggaattgcta	tttctgacac	cactaccaca	ttttgtggga	caccagagta	tcttgacact	1200
gaagtaatta	gaaaacagcc	ctatgacaat	actgtagatt	gggtgtgcct	tggggctggt	1260
ctgtatgaaa	tgctgtatgg	attgcctcct	ttttattgcc	gagatgttgc	tgaaatgtat	1320
gacaatatcc	ttcacaacc	cctaagtttg	aggccaggag	tgagtcttac	agcctgggtcc	1380
attctggaag	aactcctaga	aaaagacagg	caaaatcgac	ttggtgccaa	ggaagacttt	1440
cttgaaattc	agaatcatcc	tttttttgaa	tcactcagct	gggctgacct	tgtacaaaag	1500
aagattccac	caccatttaa	tcctaattgtg	gctggaccag	atgatatcag	aaactttgac	1560
acagcattta	cagaagaaac	agttccatat	tctgtgtgtg	tatcttctga	ctattctata	1620
gtgaatgcc	gtgtattgga	ggcagatgat	gcattcgttg	gtttctctta	tgcacctcct	1680
tcagaagact	tatttttgtg	agcagggggc	cattcagaaa	ccattgagca	aaataagtct	1740
atagatggga	ctgaaacttc	tatttgtgtg	aatatattca	aatatgtata	actagcgct	1800
catttttata	tgtaatgatg	aaaactatga	aaaaatgtat	tttcttctat	gtgcaagaaa	1860
aatagggcat	ttcaaagagc	tgttttgatt	aaaatttata	ttcttgttta	ataagcttat	1920
ttttaaacaa	tttaaaagct	attattctta	gcattaacct	atttttaag	aaaccttttt	1980
tgctattgac	tgttttttcc	ctctaagttt	acactaacat	ctaccaaga	tagactgttt	2040
tttaacagtc	aatttcagtt	cagctaacat	atattaatac	ctttgtaact	ctttgctatg	2100
gcttttgta	tcacaccaa	actatgcaat	tggtacatgg	ttgtttaaga	agaaaccgta	2160
tttttccatg	ataaatcact	gtttgaaata	tttggttcac	ggatgatcg	aaatgtaaaa	2220
gcataattaa	cacattggct	gctagttaac	aattggaata	actttattct	gcagatcatt	2280
taagaagtaa	caggccgggc	gcggtggctc	acgcctgtaa	tcccagcact	ttgggaggct	2340
gaggcgggca	gatcacctga	ggtcaggagt	tggagaccag	cctgaccaac	atggacaaac	2400
ccgtctctta	ctaaaaatac	aaaattggca	gggtgtgggtg	gcacatgcct	ataatcccag	2460
ctacttgggga	ggctaaggca	ggagaatcgc	ttgaaccggg	gaggcggagg	ttgcagttag	2520
ccgagatcgc	accattgcac	tctgcctgg	gcaacaagag	tgaaactcca	tctccaaaaa	2580
aaaaaagaaa	aagtaccaa	gggaaattat	ttgtttttga	aataccagtt	caactttggg	2640
gattattttt	cctttgaagg	aaaaaaaaag	gcttaagggt	taggattttt	aagtattccc	2700
aaagatctga	a					2711

<210> 7691

<211> 2380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (296)...(2115)

<223> similar to gi6002478 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7691
ggacttccgt ttcggtccag ccgggctgcg gccattgttt gtgtggactg agtgttttgg      60
ccatcccggg ccactctcac aggctccggt aagtgcacat aactctcagg aggactgagc     120
cagaagcggg cagggcaaga cgagctgtgc ttgaagggaag aggggcagaa aatcgagggt     180
cagggactga gaagctactc cggtttagaa accccagaga caccgtgta gatgggtaca     240
tcacggcttc tctcccacgt taagacttaa taaagaaagc ctgatctttg accagatggc     300
agtaacattt gaagatgtga ctattatttt tacatgggag gagtggaaat tcctggattc     360
ttctcaaaaa agactctaca gggaggtcat gtgggagaac tacacaaatg tcatgtcagt     420
agaaaactgg aatgagagct acaaatccca agaagaaaaa ttcagatact tagaatatga     480
aaatttttcc tactggcaag gctggtggaa tgctggcgcc cagatgtatg agaatcagaa     540
ctatggggaa actgttcaag ggacagattc caaagacctc acacagcaag atcgttccca     600
gtgtcaggaa tggttaatac tctccacaca agtaccaggg tatgggaact atgaactgac     660
ttttgaaagc aaaagtctca ggaacttaaa atataaaaaat tttatgcctt ggcagtcctt     720
agaaacaaaa accactcaag actatggtag agaaatctac atgagtgggt cacatggttt     780
tcaagggggc agataccgtc ttggcatatc caggaaaaac ctctccatgg aaaaagaaca     840
gaagctcata gttcagcatt cttatatccc agtggaggaa gcccttccac agtatgttgg     900
ggtgatatgt caagaagacc tactgagaga ttcaatggaa gaaaagtact gtggatgtaa     960
taaatgtaaa ggaatttatt attggaactc acggtgtgtt ttccacaaga gaaatcaacc    1020
tggagaaaac ctctgtcaat gctccatccg taaagcatgc ttctctcaga gatcagactt    1080
gtatagacat ccaagaaacc acataggtaa gaagctgtac ggatgtgatg aagttgacgg    1140
taactttcat cagagctccg gagttcactt tcacagaga gttcacatag gggaggtacc    1200
ttatagctgt aatgcatgtg gtaagagctt cagccagatc tctagtcttc acaatcatca    1260
aagagctccac acagaagaga aattctataa aattgagtgt gataaagacc tcagtagaaa    1320
ttcattactt cacattcacc agagacttca cataggagag aagcctttta aatgtaatca    1380
gtgtggtaag agtttttaatc ggagttcagt acttcatgtt catcagagag tccacacagg    1440
agaaaaacca tataagtgtg atgagtgtgg taagggtttc agccagagct caaatcttcg    1500
aattcatcag ttagtacaca caggagagaa gtcttataaa tgtgaagact gtggtaaagg    1560
ctttaccagg cgctcaaadc ttcaaattca tcagagagtg catacaggag agaaacctta    1620
taaatgtgat gactgtggaa aggactttag tcacagctca gatcttcgca ttcacagag    1680
agtccataca ggggagaaac cctataactg tcctgaatgt ggggaagggt tcagtaagag    1740
ttcaaagctt cacactcatc aaagagtaca tactggagag aaaccctaca aatgtgaaga    1800
gtgtggcaag ggattcagtc agcgttcaca tcttctcatt catcagagag tccatacagg    1860
agaaaagccc tataaatgtc atgattgtgg aaagggtttt agtcacagtt ctaatcttca    1920
cattcatcag aggggtccata caggagagaa gccttatcaa tgtgctaagt gtggtaaagg    1980
tttcagtcag agctcagctc ttcgaattca tcaaagagtc catgcaggag agaaacctta    2040
caaatgccgt gaatattata agggatttga tcataattca catcttcaca ataatacatag    2100
aagaggaaac ttataaatat tgttcattta gttaacagct ttaatcaaag tttacctaac    2160
ctttaaaccc tataaatcct gctgttaagg aaatcttata aataacacaa gtaatcccaa    2220
gcaacattta tagtttcccc tatctcccac taagaattat ttgcttcaaa aggagatctt    2280
tagaaaaaac cctatatatt taaaattata gtgtattttt ctttacctac tataaatata    2340
atacagtcag aaatatatta aacattttaag gagaaaaaca                2380
```

<210> 7692

<211> 1029

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (386)...(491)
 <223> similar to gi547004 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7692

tccatgcggt	ggaattcgct	gtctgcaaca	aagtgcgtct	tgggttgcag	aggggtgggt	60
gcttgtaagt	gtggtgcaca	tttacacaca	tttctacaaa	atgactctac	cttgtggcac	120
attgaagata	attgtgtaag	tagttatctc	tgaaaactaa	tatgccacct	aatgctttaa	180
cacctgactc	tgcaggggta	gacgattggt	ggatttgtcc	agcgtgggtc	ctggtttcgt	240
gttcagtgtc	tgcacgtcct	gccatcatca	ctgccacact	tactgttgac	agctgtccct	300
gctgcatgct	cttagccagc	tccatcctgt	gctctcagct	gatatttcac	aggctgggcc	360
tgggtgtgctc	tggtgactca	gtttactggt	tcaggatgca	cctctctctg	actgtacgga	420
aactatcgaa	gggctcgagc	ttacagagca	gacctttagt	cccgcataat	ctctctcttt	480
tagaaaggta	ctcactgccc	tgtcctcact	acctgtctat	gcgccttgct	ccccctccct	540
ccccctctcc	cgtctcctct	cttcaggcat	tgtctttagt	tactgaagta	gcttcaaattg	600
gatctttaac	ctgtttgtga	gattgtacag	aagggtctgt	tctatctact	tgattcttta	660
attaaaacat	ttgctatgag	gtgtgataac	aatttcagc	attcgaagtt	gttactgaga	720
aatggccagt	ctgagcaacg	tgggtgcattt	ctgcagttcc	gcacgggact	ttggtcagtg	780
cgtgttttgg	gtttcagaat	ttgccttttc	catgactctg	actgcagaca	gcctcttctg	840
ggcagtctgt	tgtgtttggc	agcggccact	cccagagtgc	cttccaccct	cgctggttca	900
actttgactg	taaatgtcat	gaatgtagcc	actagaggtc	atatcattga	aagatgtcat	960
ttcagaggaa	tggggaattc	agacagtcct	tgtcagccct	tgataaaaatg	tattttatttg	1020
tacctcaaa						1029

<210> 7693
 <211> 1710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1463)...(329)
 <223> similar to gi3820982 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7693

tttttttttt	ttcaaagagg	aaaaaagcac	gtttgttgtt	ggtaggcggg	cgtgaatggg	60
agggttcttc	accttctcca	acacctcgta	tagatgggac	gttgcagggc	aatagaaaag	120
gcagcagatg	ggggcggtgt	ttgccccact	ctgtacaata	tagaagaatc	tcatatagat	180
actttgtata	aaagccacgt	gtcctcattt	gtgtcctctt	attggctggc	tgggctgggg	240
gtactggggg	acaaagaagc	tggggtgata	gaccaggaca	cagggatacc	ccatgggtccc	300
cttcctctgg	ctgtccccctg	gtgggggtcac	tttggatcct	tgggtgggagc	atagcacagc	360
tccagtggcc	gggacacctt	ccagaatttc	tcattcacca	gctccagggt	cagcgagcca	420
ttcaacgtcg	tgaacgcccc	gcctccagggt	gcgatgtaga	tgggtgtactg	cttttctactg	480

acgcccctcca	ggctggggcaa	agcagggtcc	tcaggaccgt	cacctcctcc	ggcacccccca	540
ccctccccgc	cacacccatc	aggctcctccg	gtgtcagagg	cgccccctcc	aggccctcct	600
ggctccccctg	cttctgtctg	ttgcctccgc	tcgagggcaa	tgcgcagggc	caagtacttg	660
gagaggtggt	ccactgtggc	attcccagtt	gtcttcacat	acctcgtctg	gcagtattct	720
cccttctcca	cgagcagggg	gtggggccgg	aacacgagct	caatttctcc	acctggctct	780
ggggggctgg	gggccccagg	agggtctggg	gggccacagc	ttccccctcc	cagagtccct	840
ccccggtcac	cagagtcttc	cgaaccggca	ccccaccca	ccccaccagt	gccgcctccc	900
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ggggcagagt	caggggcgga	gtctgagctc	acatcttctc	catccccctc	tccctccccg	1020
ggctctcctt	ccccccact	catcgttgtg	gtctgatctg	accctggat	cggccgcctc	1080
acacgctggg	ccctgtgcat	ggcctgcatg	cgtagccctc	cctcaatgct	ggagctcaat	1140
gctgtctggt	tgtgcaggcg	gctcaggcgg	ataagcactc	ggtcttgatg	ggcctcgtat	1200
tctctccggc	taggatagat	cttagagatc	agggcatcaa	agttggggtc	tggccgtagg	1260
gatcgcttgg	acaccagctt	ctttcggcag	gtaggacact	ccttggtccc	gctccgtagg	1320
gctgtgacaa	tgcagtcaga	gcagaatctg	tggaggcact	ccttggtggt	catcgatttc	1380
ttcagcatgt	ccaggcagat	agggcacatg	agttctgaat	gcagtgaccg	aggggaaaaca	1440
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agacccccca	ccagggtctc	acagccgagg	agaaggcgaa	gaaggccagc	tccagccggt	1620
cgcgctcccc	ccgcgcgcgc	gcctctccct	aggcccgggc	tcttggggca	agttcgctcg	1680
gtccgcaacc	gctgctcaga	cagcacgaaa				1710

<210> 7694

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(259)

<223> similar to gi3451305 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7694

ccggagtcgc	caacatgtcg	accgccatga	atttcgggac	caagagcttc	cagccgcggc	60
ccccggacaa	gggcagcttc	ccgctggatc	acttaggtga	atgtaaaagc	tttaaagaga	120
aattcatgaa	gtgtcttcat	aacaataatt	ttgaaaatgc	tttgtgcaga	aaggaatcaa	180
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<210> 7695
 <211> 7471
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (91)...(4940)
 <223> similar to gill181628 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7695

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<210> 7696

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(961)

<223> similar to gi4200234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7696

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<210> 7697

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (354)...(779)

<223> similar to gi4633066 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7697

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taaaactctg	ctgctttccc	cagctccaac	ctctctggtc	ttcaacaaca	ctatcatcag	240
ggaaaacgtg	ggggaagatg	aaccagccgt	gcaactcgat	ggagccgagg	gtgatggacg	300
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ccaagcagga	gggcacctc	ttcaaggatg	tcctgtccct	gcagctggac	tttcggaaca	420
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<210> 7698

<211> 1329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1071)...(213)
 <223> similar to gi5304876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7698

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gagcgggaag	gccagccccc	gcaccttccc	ccgacgccag	gctctctggg	actccccgga	1020
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ctccccctcc	aaccgctcgg	atttcttagt	tttcttggtt	cttcacctgt	ctccagcggc	1140
cacccccact	cctgtcgcgc	tgtgatctcg	gctggggccc	caccccccca	ggacagagtt	1200
ggtggagaag	ggagtccccg	tcttcaagcc	tcggggactg	ggagctctgg	cttttagcgg	1260
gggtccttgt	gtaggcgagc	tcatatacta	cgatggggca	ggggcgcgac	ggtctggcgg	1320
ctccggggc						1329

<210> 7699
 <211> 2018
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2019)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1839)...(64)
 <223> similar to gi5911862 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7699
tttttttttt ttggactgct tagaaaattc agctttaatg gccccagccc ttctgtctga      60
gtctagtagt ccagggcaca gatgagggcc acaccacgct ttatccagtg tcgctggggc      120
tgatgggtgg ggatctccac agcaatgaca tagttggtag agtgtcctgt ggttgatagt      180
gttccagcac gagtcagtgt cttgtagatg gggcacaggt aaaagtcctg gtcctggggc      240
ttgcggttgg gtgttggcaa gagccagata acggccatct ctgtgtacag ctccttgggc      300
tgagactcag ccagctggaa ggccctctgga tcccagcggg caccttccag gaataatcca      360
tgatatagc accctacttg gggctcttgt gttaactctg atgggtgcctc aaacatcacc      420
ttgaaatcaa aggagatggg gtcaatggag atgacaaatt tgcgggcaaa attctgcaga      480
gtgcctgtta agaaagcctg ggggaagaag aatccactga tccagaagac agctgggatg      540
ccatcttgga tccaggcctg cagaaagtcc aggcgttgca gcaggccat gacccatgat      600
gacagaggct tgagcgatgg gtaggccttg gcaactccaga gctcaggcac agtattgttg      660
tacaggctgg cagccatcag ctccagctga gaggacatca ctaccagccc cttgagtgcc      720
ttgagtaggt cttgcagtgt ctgtgtgatc acctgcagca gccgattgta cctaatgacc      780
tcttgacta gtactgtgtt cattgattcc tcatacagca ctgggtactt ggccatcacc      840
cattgcaagt tgataggctc aggcacctg agcagaatgt tttgggtgac gtcctccact      900
atctcctccc ggccctggct gcctgcagaa gatgatttgg gttgcagctg gatgatggtg      960
cccaggaggg cgaacgtctc gttctgggca aaggatgatg tggcattgtc atgcaggcca     1020
aagatctcag gcatatcatt gagtgggagg ctcttgatgt aggagaggta gccgtggagg     1080
tcgtaggtag gcgggatctg gtggtagatg cccgaggcgc tgtagctgtg ctcaggggag     1140
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tcagtgcac ggcccccgta attgatctcc cctgccgtgt acttgaggac cttgtagggg     1260
atgtcatcat attcgtccag gaacatcttg agctggctga tgcagatgcg cagatctcca     1320
tccgtgaact cataggggat gttgaagccc aggggcccaa acttacggcg ctccagggcg     1380
ttcccatgga acaagcacag agacagcagc agagacttga actccatcac cttgtggcag     1440
gagttgagga agtcttcacc aaggctacta taggacttca gcaggttggc cctgacaccg     1500
cgtggcggct caatggtcat cttggagccg ttctgcagga tggacactgg gaacttggtg     1560
ctgggcaggc tggtagacca gaggcggaag tcctgtgtga ccttgtcggg gttgatgtgc     1620
tcgatgaggc gttctagggc tggcatccag cttggtgcca ggtggcagtt ctggaagaag     1680
accattttgc ccctctctat ggagctgcgc atcatggctt ctgcccaggg gccctgcccc     1740
tgggccaggg agatggcaga gagctttttg gagaacttca tttcttcggc aaacttgtag     1800
aggtcggcag cagggtctgt gccgggtgac agcaciaaaga tgaggggtgt ggtggagtgt     1860
gagtccttga acaccactga cagattggct gtctgggggt caatgaagcg tggctccagg     1920
ttggtgacca aaaagtctct catggcggtg gtaaccttgt cccacgcag gcagcgctc     1980
gtaccaagct gnnnntntca tgtcgtaacg taatcaag      2018

```

<210> 7700

<211> 2746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2725)...(1035)

<223> similar to gi3493162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7700

ggtgctggtg	ggcgacacagg	tgcacctgat	gtcactgtgg	gcacgacagc	tgggccagag	60
gaccaccacc	agctggtagg	acacagcacc	ctcgctgtct	gggagcagtt	gggtgcactt	120
tggcgctctg	tgtcttgtga	ctggaagctg	tgtttatggt	atthttgcaa	tactaacata	180
aatgggcact	cagtaaacac	ccagtttaga	aacgttttat	ggacacggaa	cgctccactg	240
taacgggcag	gcagaacaca	ctcctttccc	aggctcatca	attaacaga	aaacagggga	300
gctctcctca	ccccagcctg	gccctgtgct	ccccaatggc	ccctgcgagg	cccctaccat	360
ggcctgcctg	ggagacacaa	actatgacag	gaacacactg	gactgataca	gaatgaggcc	420
agacacaccc	atgcctgtgc	ctcccaagag	cgaccccagg	acagtggggc	agacagaggt	480
gtctacactg	gcagaaacaa	gggctggagc	cacacgtgat	gctcggacac	aaacggcacg	540
cagctctgca	gcctggccac	acacccttcg	cgtatgactc	cactcctcag	ggttcacggg	600
gctgtgtaca	gagactctct	ctgctgacac	gatggccaca	cgcccttcgt	gtatgactcc	660
actcctcagg	gttcacgggg	ctgtgtacag	agactctctc	tgtgacacg	atggccatat	720
ggccttcgcy	tatgactcca	ctcctcaggg	tctgtggggc	ttggagactc	tgtgacatg	780
ataccacaga	caattcatta	cctccccgcy	gctgtctccc	gcatgccaaa	ggggacagga	840
tcaaatgcct	tgtctgatga	caaaaactct	acacgtgcaa	aataaaacta	aaaaataaaa	900
ataaaagagc	tgaaggtggt	ctagagttag	gtcttggcag	aggccgcagg	ctctggagac	960
tgaagaaact	cataggggtc	gtgggtgacg	tctggctgct	ccccgacact	caggcgagaa	1020
gggcttccca	ggtggtgctg	gtccctctcg	gaggcggttg	acagggagct	gaggttggac	1080
gacggccgag	agccgcgcg	ctccgcctgt	gcttcgtgca	ggctcctgca	gagcttcgtc	1140
gtctcatcca	agttcaaatg	gctgtcgtca	gggtccagct	ccttcttcac	cttccccaga	1200
gagctgagca	tggagatata	cacagaaacg	tccggatagg	acttcacga	catgaactcc	1260
agaacagagc	tgtctgtgtc	tcttaggggtg	tccccaaact	tggcttcac	tggaggcttc	1320
atgggaacat	ttcttctctg	cttcagctgg	aagagcgtcc	tagagtggte	tccgctgtg	1380
atctgggtcca	ggaggtcgtc	caccactttc	ttgtctgtag	tcccagcatc	cttcacaaac	1440
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gtggcactgg	agagaaaggt	gactttgttt	cttctctcgt	ctttgaagcc	cagcgtgggtg	1620
aagcctggga	gtagcttact	ggagagcgag	ctcaagtcca	ccgggtgggt	ctcctcctca	1680
tcagcgtccg	gctcggccgt	gttgaccacg	ctgtagagca	ggctcccgtc	cccgttcctc	1740
ttcagatagc	ccatcttgcc	gcctgggagg	aaccggttga	tctgtcccgc	agcttcgtca	1800
gctgctgct	ccaccagcgc	cagcagctgc	tctctgcgg	tactgtccgt	caagctgcag	1860
gcattccctt	caggctcaaa	catgcagctg	ataacttctc	tactcggctt	tttggatttc	1920
ttggcagttt	ctacttgtac	tgggtacaact	tcagggacag	gttctcaac	agctgtatct	1980
tcattgcccc	aaagagctgc	ctgtttgtct	atcatcttaa	agcctgcgtg	aaggatcttc	2040
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agcttgaaat	ctgccttaaa	ttccgtaact	gacttgtatt	cattagctac	aattttgtct	2160
ttcatggtgc	caaaatccat	gggatgtttt	attatcattg	aatatccagg	agcaattgca	2220
tccgtgacag	gaaaagcaaa	aaatccatgg	ggatcttttc	tctgaagctg	gcggagggaag	2280
tgttccagga	gttgctgaat	aggtgtgctc	tcattttcgg	ctggctgtgt	ccggcacgct	2340
cggactggcc	gatctggggg	cggtccacc	tccacctctc	tcccaggatc	aaagtcgtca	2400
gcctctccct	ccgtgtcaca	gtgtccctc	tctcgtctcc	gcttcttctc	ttcctttcgc	2460
ttcctttctt	cctcatcgte	cagatgcttc	tcttctcgg	acttcttctt	cttcttcttt	2520
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tggccggatc	ctgagagtte	agtcacttca	cttctccga	ccttcaggac	tagctttaga	2640
ggcttctcca	ggggcttgte	ggcataatcc	tcgtaggacg	agcggcactc	ggccttggtg	2700
ttcttgtgct	tcttgcccat	ggcggcgcgc	gcggcggggc	cgaggc		2746

<210> 7701

<211> 1697

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (17)...(1672)
<223> similar to gi2411475 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7701
cctggcggat ggagacatgc tgcccctgct gctgctgccc ctgctgtggg ggggggtccct    60
gcaggagaag ccagtgtacg agctgcaagt gcagaagtcg gtgacgggtgc aggagggcct    120
gtgctgcctt gtgcctgct ccttctctta ccctgggaga tcctgggtatt cctctccccc    180
actctacgtc tactgggtcc gggacgggga gatcccatc tacgctgagg ttgtggccac    240
aaacaacca gacagaagag tgaagccaga gaccagggc cgattccgcc tccttgggga    300
tgtccagaag aagaactgct ccctgagcat cggagatgcc agaatggagg acacgggaag    360
ctatttcttc cgcgtggaga gaggaaggga tgtaaaatat agctaccaac agaataagct    420
gaacttggag gtgacagccc tgatagagaa acccgacatc cactttctgg agcctctgga    480
gtccggccgc cccacaaggc tgagctgcag ccttcaggga tcctgtgaag cgggaccacc    540
tctcacattc tcctggacgg ggaatgccct cagccccctg gaccccgaga ccaccgctc    600
ctcggagctc accctacccc ccaggcccgga ggaccatggc accaacctca cctgtcagat    660
gaaacgccaa ggagctcagg tgaccacgga gagaactgtc cagctcaatg tctcctatgc    720
tccacagacc atcaccatct tcaggaacgg catagcccta gagatcctgc aaaacacctc    780
ataccttccg gtcctggagg gccaggctct gcggctgtc tgtgatgtc ccagcaaccc    840
ccctgcacac ctgagctggt tccagggtc ccctgccctg aacgccaccc ccattctcaa    900
taccgggatc ttggagcttc gtcgagtaag gtctgcagaa gaaggaggct tcacctgccg    960
cgctcagcac ccgctgggct ccctgcaaat ttttctgaat ctctcagttt actccctccc   1020
acagttgctg ggccccctc gtcctctggga ggctgagggt ctgcaactga gatgtcctt   1080
tcgagcccg cggccccct ccctgtgctg gcggcttgag gagaagccgc tggaggggaa   1140
cagcagccag ggctcattca aggtcaactc cagctcagct gggccctggg ccaacagctc   1200
cctgatcctc cacggggggc tcagctccga cctcaaagtc agctgcaagg cctggaacat   1260
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agtggttcct gcagcccttg gtggtgctgg tgtcatggcc ctgctctgta tctgtctgtg   1380
cctcatcttc tttttaatag tgaaagcccg caggaagcaa gcagctggga gaccagagaa   1440
aatggatgat gaagaccca ttatgggtac catcacctcg ggttcaggga agaagccctg   1500
gccagacagc cccggagatc aagcatctcc tcctgggatg gccccctcct tggaagaaca   1560
aaaggagctc cattatgcct cccttagttt ttctgagatg aagtgcaggg agcctaagga   1620
ccaggaggcc ccaagcacca cggagtactc ggagatcaag acaagcaagt gaggatttgc   1680
ccagagttca gtctctgg                                     1697

```

```

<210> 7702
<211> 4041
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (161)...(2453)
<223> similar to gi3283370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7702

gtccttccca	cccttagtcc	caggcatctg	actaccggga	acctcagcca	gagtcgggga	60
gccccccacc	ccgtccagga	gccaacagag	cccccgctct	gctggcggtga	gaatacattg	120
ctctcctttg	gttgaatcag	ctgtccctct	tcgtgggaaa	atgaaccaga	agacaatcct	180
cgtgctcctc	attctggccg	tcatcaccat	ctttgccttg	gtttgtgtcc	tgctgggtggg	240
caggggtgga	gatgggggtg	aaccagcca	gcttccccat	tgccccctctg	tatctcccag	300
tgcccagcct	tggacacacc	ctggccagag	ccagctgttt	gcagacctga	gccgagagga	360
gctgacggct	gtgatgcgct	ttctgaccca	gcggtggggg	ccagggctgg	tggatgcagc	420
ccaggcccgg	ccctcgga	actgtgtctt	ctcagtggag	ttgcagctgc	ctcccaaggc	480
tgcagccctg	gctcacttgg	acagggggag	ccccccacct	gcccgggagg	caactggccat	540
cgtcttcttt	ggcaggcaac	cccagcccaa	cgtgagttag	ctgggtgggg	ggccactgcc	600
tcacccctcc	tacatgcggg	acgtgactgt	ggagcgtcat	ggaggcccc	tgccctatca	660
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tggcctctac	tacaacatct	cgggcgctgg	gttcttctctg	caccacgtgg	gcttggagct	900
gctagtgaac	cacaaggccc	ttgacctgc	ccgctggact	atccagaagg	tgttctatca	960
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ccgggttcca	gctccccctc	tacagttcta	tcccaaggc	ccccgcttca	gtgtccaggg	1140
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tcctcctcct	gttctctgct	tctcttctat	cctgcaattt	ctcccaggaa	tcctgagggg	3000
catatcccta	tgtgcccagc	ccctgggtac	tccccagac	cctcagtttt	cagttcaagt	3060
tcggtctcct	ctccagccct	atggaagtct	caaggtcacg	ggactcttaa	tcaagagtgg	3120
ccaatccctg	tgtgtcgttc	ccttgtgtct	gttgcttatt	gggagtagga	gttgcctcta	3180
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gcctcatgct	ctctatagag	gaggatggtc	atcgtgacag	cagcagctca	agtttagcatt	3300
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aaaaaggcaa	gccacagaaa	tgtgtatagc	gcacttccca	tttgtgtttc	agaaaggagt	3840
agaatataaa	cacataattg	cttatgtatg	cctattcaga	ataaatgggt	aacactgatt	3900
acttttgagg	ggggaaccag	taggttgagg	acaggagagg	gaagggtctt	aacacttaca	3960
cccttttgta	cattttgaat	tttgaacat	gtgactgtat	tacctattca	aaataaacia	4020
taaatgggcc	caaaaaaaaa	a				4041

<210> 7703

<211> 4323

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (690)...(2568)

<223> similar to gi416180 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7703

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gagaacgaat	taaaactcaa	gtgagcataa	ttctaaaagc	catcttctcg	ttagtgtttc	180
tcactatcca	ggtctgcctt	tgcttattt	aactgaagtt	aagccatcct	tacctgtgat	240
cacttagcct	ctcagtttgg	ggggatcatt	acagcgggtt	tttaactccc	aatgttctg	300
tccagtttgc	tttacctgtt	cttatttata	cattgtcaag	gatgacctca	ggacagtaca	360
gcaaggacac	agtggcactt	cacattttgt	tcccacgaaa	tgactggggc	ataatctcag	420
atcatcttcc	tttagaatgt	ggaaacatca	gcagaagaat	attagtcttt	atacaagtca	480
aatccaaaat	gacacatgtg	aaaactaata	gagctgactt	tcagccatga	tagctttggc	540
acacctcaca	tccctttgtt	caacctctct	tccctcaacg	gagagctgca	ttcctgggaa	600
tttctgttgt	gcacttttcc	cacttgccct	gctgtcattt	aaaggtgaac	attctagtgt	660
tgctaagaaa	accctttcct	tcatttggaa	tgaacagcaa	ttttattact	tttgacctta	720
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ccttgacgcc	ggcgcgcgac	cacaagccc	ggcccggggc	gcgcgcgcgag	gacgcggccg	900
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caactatagt	agatgcctg	gatacacttt	ttattatgga	aatgaaacat	gaatttgaag	1380

aagcaaaatc	atggggttgaa	gaaaatttag	attttaatgt	gaatgctgaa	atttctgtct	1440
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tcgcagagt	gaaagggggc	ctcctggagc	acaagatggg	ccacctgacc	tgcttcgcgg	2040
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ctcatgatcc	aaagtacagg	aaatgggcct	gggaagccgt	agaggccttg	gaaaaccatt	2340
gcagagtga	tggaggctat	tcaggccctaa	gggatgttta	ccttcttcat	gagagttatg	2400
atgatgtgca	gcagagtttc	ttcctggcag	agacattgaa	atatttgtac	ctaataatttt	2460
ctgacgacga	tcttcttcca	ctggagcatt	ggatcttcaa	tagcgaggca	catcttctcc	2520
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taattataat	ttgatttgac	tgcaaaactt	tttctctctc	taagaggaga	tgatgtctgc	2940
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acagcctcct	tatgcaggtc	tatcattatt	tgatagaatg	tcttctaaaa	tacttcactc	3120
acattgtaat	tcaaattaga	aagtcattcc	aaaaggatca	tgatcatgtt	acctcatttc	3180
atcggaactg	cagtatattt	ttgttggtta	atttatattag	tgttttctat	tttgtaaatg	3240
tgctctttaa	ttttacttta	aatgccctgt	gtcatttctg	gattatatac	tagttaattt	3300
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gaatatatga	agaaattggg	tctgtctaaa	gagaggggtat	ttcatatggc	ttttagttca	3480
cttgtttgta	tttcatcttg	atttttttct	ttggaaaata	aagcattcta	tttggttcag	3540
atttctcaga	tttgaaaaag	gctctatctc	agatgtagta	aattatttcc	tttcagtttg	3600
tgaagcagg	atttgactct	gaaagaagct	ttgccaat	tacttattcg	tgatcaatca	3660
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caacacagag	atcacaactt	agaagaaata	taaagaaatg	gccactcccc	atccccaca	3780
gtcctggagt	aaatcaaat	caatatatga	ttcttttaaa	cattaagt	gaaataggaa	3840
tggttttctc	aagaatagat	ttggtgtgat	accttggtgt	tgcttacatt	ggccactat	3900
atatacatat	atatttatgt	agatataact	ccatgaaaagg	gctaatacga	tgcatatact	3960
gaagggcaag	gactttgacc	atgtgaattt	tcagccgaga	atggtcagaa	agatcagtag	4020
aaccccatgg	attaggctga	aacatatgaa	attgctgcat	ttgtagttta	aaaactgtca	4080
gcagtttcat	atggttccac	ctaataattat	tgaagacaat	tattttctta	gctatcaata	4140
ggcttaatag	ttttagttat	tttagctttt	gaaagtgttt	taaaagattt	cctttatcgg	4200
acaggaccat	ctttatgacc	tgctttctgt	ttttcaatat	catacattgg	tgtatgtcaa	4260
agaataaatt	agtaaaatta	gtaaatgaaa	aagactcttc	cgtacatcat	tatttccatg	4320
cta						4323

<210> 7704
<211> 1464

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (288)...(1347)
<223> similar to gi24479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7704
actagttcta gatcgcgagc ggccgctcgc gatctataat gcctcttctg aagcagccat 60
cccggcctct tggtagtgct gaccccagcc aggctacagg gatcgattgg agctgtcctt 120
ggggctgtaa ttggccccag ctgagcaggg caaacactga ggtcaactac aagccacagg 180
ccccttcccc agcctcagtt cacagctgcc ctgttgacgg gaggcggtgg cccttctgtt 240
gctagaccga gcctgtggga tataccaagg cagaggagcc catagccatg aggagcctcg 300
gggcccctgct cttgctgctg agcgcctgcc tggcgggtgag cgctggccct gtgccaacgc 360
cgcccgacaa catccaagtg caggaaaact tcaatatctc tcggatctat gggaaagtgg 420
acaacctggc catcggttcc acctgcccct ggctgaagaa gatcatggac aggatgacag 480
tgagcacgct ggtgctggga gagggcgcta cagaggcgga gatcagcatg accagcactc 540
gttggcggaa aggtgtctgt gaggagacgt ctggagctta tgagaaaaca gatactgatg 600
ggaagtttct ctatcacaaa tccaaatgga acataaccat ggagtcctat gtggtccaca 660
ccaactatga tgagtatgcc attttcctga ccaagaaatt cagccgccat catggaccca 720
ccattactgc caagctctac gggcggggcg cgagctgag ggaaactctc ctgcaggact 780
tcagagtggg tgcccagggt gtgggcatcc ctgaggactc catcttcacc atggctgacc 840
gaggtgaatg tgtccctggg gagcaggaac cagagcccat cttaatcccg agagtccgga 900
gggctgtgct accccaagaa gaggaaggat caggggggtgg gcaactggta actgaagtca 960
ccaagaaaga agattcctgc cagctgggct actcggccgg tccctgcatg ggaatgacca 1020
gcaggatatt ctataatggg acatccatgg cctgtgagac tttccagtac ggcggtgca 1080
tgggcaacgg taacaacttc gtcacagaaa aggagtgtct gcagacctgc cgaactgtgg 1140
cggcctgcaa tctccccata gtccggggcc cctgccgagc cttcatccag ctctgggcat 1200
ttgatgctgt caaggggaag tgcgtcctct tcccctacgg gggctgccag ggcaacggga 1260
acaagttcta ctcagagaag gagtgcagag agtactgcgg tgtccctggg gatggtgatg 1320
aggagctgct gcgcttctcc aactgacaac tggccggtct gcaagtcaga ggatggccag 1380
tgtctgtccc ggggtcctgt ggcaggcagc gccaaagcaac ctgggtccaa ataaaaacta 1440
aattgtaaac tcctaaaaaa aaaa 1464

<210> 7705
<211> 1029
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1030)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (949)...(214)
<223> similar to gi4894854 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7705
tttttttttt ttagcagaca cagacacaga tgtttattcc aggaagaggt ctaagaaacg      60
agcttccttag agcatgtgtc acgggggcagc cagtcctggg gctctcagag ccagccccct    120
cccttcagca gctgaagcaa tagcgcccc attttacagg cggagcatgg aagccagaga      180
ggtgggtggg ggaggggggtc cttccctggc tcaggcagat ggggaagatga ggaagccgct    240
gaagacgctg tcggcctcag agccctggta aatgtgaccc tttttggggg ctttttcaac    300
ccagacctgg tcacctgct gcagctgaag caccatgccc cctgacacca cctggaagag    360
ccccttggtg gtggtgtcac agaagcccag ggagcgctcg acctggcccc ttgaggagga    420
gacgatggac aggcagattt cccactggga cagcacctgg aaggtgaagt agtagtagcc    480
gggtacagtg cagacgaatc ggccggagtg gttctggtac ggttcttcct ggttggtgat    540
gaccgtgtcg aagatgacca cggtgcccc cattgggggg ttccgccgaa tggcggagaa    600
ggctggcctc ggctggctct tgatgtttcc tgggctgccc ttggtgcctt taattcccgg    660
gatgccacgg gccccgaggg ggccgctggg ccctgggtag cccaccttgc cggggtttcc    720
agagggccca ggttccccct ggtctccttt aaggccttgg atgcctgtcc ggatgccagg    780
ggccccgggc tcccccttgc cccccttgag gcctggccgc cccgctctgc caggctcttc    840
tgcctcccc tttctcccg ctggtgctcg gcacaagtcc tcggtcacca tagaggccag    900
cgatatggcc agcacacaga gcaccagcca tccccgggga cctccatga tgcctctgcc    960
tcctgttgtc gactgccgct gcatgcgaat tcgacctcac aggactaggg gtctcgaant   1020
tttttttct                                     1029

```

<210> 7706

<211> 2178

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (136)...(574)

<223> similar to gi2662291 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7706
attggctggt gctaggaacc gtctcaaggc cttatgggccc ctggttacgg aagccgagga      60
aggctgagcg cgggctctca aggaaagtag tcgcggaatc tcagttagcg gtggagagggc    120
agtatgtccg gttcaatggc gactgcggaa gctagcggca gcgatgggaa agggcaggaa    180
gtcgagacct cagtcaccta ttaccgggtg gaggaggtgg caaagcgcaa ctccttgaag    240
gaactgtggc ttgtgatcca tgggcgagtc tacgatgtca cccgcttcct caacgagcac    300
cctggaggag aagaggttct gctggaacaa gctggtgtag atgcaagtga aagctttgaa    360
gatgtaggac actcttctga tgccagagaa atgctaaagc agtactacat tgggtgatatc    420
catccgagtg accttaaacc tgaaagtggg agcaaggacc cttcaaaaaa tgatacatgc    480
aaaagtgtct gggcatattg gattttaccc atcataggcg ctgttctctt aggtttcctg    540
taccgctact acacatcgga aagcaaatcc tcctgaggag gccttgctga agttagaaaag    600
tgcatccact ttggggcgaa aactagagac ttgcttgggg gctgcagaag tgccctctcc    660
tcgaatcctg ccagttgcat tcttccccct tggagccaag acgattggcc agacatcacc    720
tcagatctga gaccagcgct ttccatctct cagagcetta ctcccaaagt acctgctcac    780

```

tggtccgtgt	tgaacaattg	ccggtgtttc	ctctcttcac	tggtttccat	gagtaccctt	840
atatttcaca	actttctgtt	cataagttat	agtgacattg	ctctttggta	aaaatgcctg	900
ctttccaata	ctttgattgc	atattagaca	ttcttaacag	ggcggcagtc	tagtgttgaa	960
agttttat	ttccattttt	cttttaagta	aatttttttt	aaaaaattct	gatttagggc	1020
taggtgtggt	ggctcaggcc	tgtaatcctg	gcactttggg	aggccaaggt	gggaagatcg	1080
cttgaggcca	agagttcaag	accagcctgg	gcaacatagc	gagacccta	tctgtattaa	1140
aaaaaatct	gatttaattc	ttttatttat	cataaggggt	ttaattcctg	aagtaaaggt	1200
ttgcacctat	taaacttaaa	actgccaaat	gatttttggt	cttttatgtg	cgtgataaaa	1260
atacaaagaa	tggtgtggcc	acctcctccc	tttcaagcta	gggcagcagg	tagctcttcc	1320
cagcccctga	gccagcccc	ttcccaagt	gtgccggaca	aaaaactaca	tggccctttc	1380
gtgtcttggg	ggtggaaagg	gagggatgaa	ttggggtgat	agaaccctgg	tgaattcaga	1440
gtaatctttc	tttagaaaac	tggtgttttc	taaagaaaca	ggataggagt	ttagagaagg	1500
caccaaagct	ttcactttgg	tttggcacca	gtttctaacc	atctgttttt	tctaccctag	1560
ctatctttta	ttggtaaaat	ataaatgtat	aattatgttt	gtagagcttt	accaaggagt	1620
ttccctcctt	ttttgtttgt	tgattagcaa	atttttgatt	ctccattttc	caaaagtaag	1680
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ttgaaagtga	gagttcatga	caacagaccg	ttttccattt	catctgtatt	ttatctccgt	1800
gactccaact	tgtgggtttg	ttctgttttt	ccatgagaat	aaaatactgg	cggttttttt	1860
ctcagatgtg	tgttcattga	gaagtagggt	actagaatta	tgttactgtg	tcttattggt	1920
tcaatgatga	tttctctggc	atattagact	tttatttttt	cccccatgga	agcacttgag	1980
gaaataaata	gtacactggc	tgttttctgc	cagcaactgt	ggtgattttt	ctccctgtcc	2040
tttgagaatt	gctagtctgc	ttctgagcca	ttgtcatatc	cagcagggag	cagcttggtt	2100
caagaaggac	catagaggct	gctcagcatc	tcctccctcc	ctcccagctt	gccagggatt	2160
tgatgagaca	ggaaactg					2178

<210> 7707

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(547)

<223> similar to gi4321151 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7707

gcggccgctg	cggccatggg	tgctgtcgt	gggctccatg	gtgggcctca	tgacctacgg	60
gcggcgccaa	ttccagtccc	tgacacgac	gatgcggcgc	ctgatccgcg	ccttccgcga	120
ggcttcggcc	aagctaacca	cgctggtgga	tgccgacgcc	gaggccttca	ccgcctacct	180
ggaagcaatg	aggctcccca	agaacacacc	tgaggaaaag	gacaggcgca	cggcggccct	240
acaggagggt	ctgaggcggg	cagtctctgt	gccgctgacg	ctggcggaga	cggtggcctc	300
gctgtggccg	gccctgcagg	aactggcccc	gtgtgggaac	ctggcctgcc	ggtcagacct	360
ccagggtggc	gccaaagccc	tggagatggg	tgtgtttggc	gcatatttca	acgtgctcat	420
caacctgagg	gacatcacag	acgaggcatt	taaggaccag	atccaccatc	gtgtttccag	480
cctcctgcag	gaagccaaga	cccaggctgc	actggtgctg	gactgcttgg	agaccgggca	540
ggagtgcga	aaccccagg	acagcaggac	cttcgacgct	ggaaggatag	cctcgcttcc	600
caggtgcagc	tcccggcagg	tctggacagt	tccacagagc	acggtactgg	ccctgtcctc	660
agttcccgtc	cacccttcaa	ccagtggctc	ctgggagact	tttctcctcc	gcctcagctc	720
cctgcccagc	cagcctcctg	tctccagaga	agttctccat	taaaaaataa	tttagcaaat	780


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<210> 7708
<211> 746
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (86)...(544)
<223> similar to gi4929739 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7708
gcgcccacgc gtgcggcccc tgccactggg ccatggagac tgtggcacag tagactgtag      60
tgtgaggctc gcgggggagc tggccatgga ggccgtgctg aacgagctgg tgtctgtgga      120
ggacctgctg aagtttgaaa agaaatttca gtctgagaag gcagcaggct cgggtgtccaa      180
gagcacgcag tttgagtacg cctgggtgct ggtgctggagc aagtacaatg atgacatccg      240
taaaggcatc gtgctgctcg aggagctgct gcccaaaggg agcaaggagg aacagcggga      300
ttacgtcttc tacctggccg tggggaacta ccggctcaag gaatacgaga aggccttaaa      360
gtacgtccgc gggttgctgc agacagagcc ccagaacaac caggccaagg aactggagcg      420
gctcattgac aaggccatga agaaagatgg actcgtgggc atggccatcg tgggaggcat      480
ggccctgggt gtggcgggac tggccggact catcggaact gctgtgtcca agtccaaatc      540
ctgaaggaga cgcgggagcc cacggagaac gctccaggag ggccgtgcca tcctcgctgt      600
cctttccctg ttctccccct gccccccgtc tctatcctct gtggccttca gctaatttct      660
gctcccttga gattcgtcct tcagcccat catgtgcttt gggatgagtg taaataaaac      720
ggggctgtgg cttgggaaaa aaaaaa                                746

```

```

<210> 7709
<211> 1304
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (131)...(1090)
<223> similar to gi57225 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7709
cgagtgtggc ggaattcgct ggttccctgg caggctggag ggcaggagct ggggccacgc      60
tggctctggga tagttgggca gggaggctgt ctacctgggc tccagaatgg acggccctgt      120
ggcagagcat gccaaagcagg agccctttca cgtggtcaca cctctgttgg agagctgggc      180

```

gctgtcccag	gtggcgggca	tgctgtctt	cctcaagtgt	gagaatgtgc	agcccagcgg	240
ctccttcaag	attcggggca	ttgggcattt	ctgccaggag	atggccaaga	agggatgcag	300
acacctggtg	tgctcctcag	ggggtaatgc	gggcatcgct	gctgcctatg	ctgctaggaa	360
gctgggcatt	cctgccacca	tcgtgtctcc	cgagagcacc	tccctgcagg	tggtgcagag	420
gctgcagggg	gagggggccg	aggttcagct	gactggaaag	gtctgggacg	aggccaatct	480
gagggcgcaa	gagttggcca	agagggacgg	ctggggagaat	gtccccccgt	ttgaccaccc	540
cctaatatgg	aaaggccacg	ccagcctggg	gcaggagctg	aaagcagtgc	tgaggacccc	600
accaggtgcc	ctgggtgctg	cagttggggg	tgggggtctc	ctggccgggg	tggtggctgg	660
cctgctggag	gtgggctggc	agcatgtacc	catcattgcc	atggagaccc	atggggcaca	720
ctgcttcaat	gcggccatca	cagccggcaa	gctggtcaca	cttccagaca	tcaccagtgt	780
ggccaagagc	ctgggtgcca	agacggtggc	cgctcggggc	ctggagtgca	tgaggtgtg	840
caagattcac	tctgaagtgg	tggaggacac	cgaggctgtg	agcgtgtgc	agcagctcct	900
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cctggggccag	gtctgagggg	tcccacctcg	gccccaaaga	cccctgagag	gcccattggac	1140
agtctgtgt	ctggatgagg	aggactcagt	gctggcagat	ggcagtggaa	gctgccctgt	1200
gcaactgtgc	tggtgcctc	ctgaagggaag	ccctcctgga	ctgcttcttt	tggtctctccg	1260
acaactccgg	ccaataaaca	ctttctgaat	tgagaaaaaa	aaaa		1304

<210> 7710

<211> 1640

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1641)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1409)...(690)

<223> similar to gi5353746 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7710

tttttttttt	ttgccagtgc	agaaacgttt	aatagaaata	aaaaggtctg	catagagccg	60
aggctcggag	ccacccctct	gccgcacatc	cagtacagag	aggattctat	aaagttcaca	120
ctttttcatt	aagtagtagt	agaaatacgg	tgaggccctg	agactggcct	ggtgagcgag	180
gaaaggccgc	tgggcgcttc	cactctgcag	gccggggctg	aaataacccg	agttccgttc	240
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cggttcttga	gcgtgcgccg	gcgctgcttc	agctgaacga	actcctcctt	gaacaggccc	1560
cgcaggtgct	ggttcagctc	ccgcaccgac	atggtcagaa	tccncccgcn	ctgtcctagt	1620
gtcgtcgata	ggaccaccct					1640

<210> 7711

<211> 1840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(1201)

<223> similar to gi555594 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7711

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tggggggagg	aggacttctc	ttcgctcct	acctgatggc	cacgggagat	gagcgtttct	120
atgctgaaca	cctgatgccg	actctgcagg	ggctgtgtga	cccggagtca	gcccacagac	180
tggctgttcg	cttcacctcc	ctggggctcc	ttccacgggc	cagatttcaa	gactctgaca	240
tgctggaagt	gagagtctcg	ggccataaat	tccgaaatcc	agtaggaatt	gctgcaggat	300
ttgacaagca	tggggaagcc	gtggacggac	tttataagat	gggctttggg	tttgttgaga	360
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ctgccgggct	gcggagcctt	cagggaaagg	ccgagctgcg	ccgcctgctg	accaagggtg	720
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cctgggtttc	aacgctagcc	ctttctggtt	tgccataggc	cctgccaaga	tactgcaggt	1560
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gcggatcacc	tgaggccagg	agttggagac	catccaggcc	accatggtga	ggccctgtct	1800
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<210> 7712

<211> 2320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (62)...(1539)

<223> similar to gi3319953 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7712

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cacagatggc	tccctgcaga	gcgaggactg	ggccctcaac	atggagatct	gcgacatcat	180
caacgagacg	gaggaaggtc	ccaaagatgc	cctccgagca	gtaaagaaga	gaatcgtggg	240
gaataagaac	ttccacgagg	tgatgctggc	tctcacagtc	ttagaaacct	gtgtcaagaa	300
ctgcgggcac	cgcttccacg	tgctgggtgg	cagccaggac	ttcgtggaga	gtgtgctggt	360
gaggaccatc	ctgcccaga	acaaccacc	caccatcgtg	catgacaaag	tgctcaacct	420
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tgtgggcact	gactccagcc	agcaagagga	ctctggccag	catgctgccc	ctctgcccgc	660
cccgccata	ctctccggtg	acacgcccac	agcaccaacc	ccggaacaga	ttgggaagct	720
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cacagcactg	gggctcacct	cttggttgat	cctcttgtag	tgggagaggt	gccttttgta	2280
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<210> 7713

<211> 1589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1526)...(231)

<223> similar to gi3025445 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7713

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tgaggagagt	ccaggcctgg	gctggtgggg	gccacacccg	cgggcccttg	ttgctgggag	180
gcatggggct	caggcctggg	cgccctgggc	cggggctctc	gggcctcact	tggccggccg	240
cgtgatgaag	cgcgtggaga	agtcgaacag	gtcccagatt	atcttgcgca	ggttgcgcac	300
ctcgtcctcc	agtcctgtca	cacggacgcg	cagctggctc	tggccggccga	gcacgctctt	360
ctccatggtg	ctgcacagga	cggcctgcag	ctgctccgtg	cggctccagg	agctgggctc	420
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tgagtcaga	caggtgacag	gcccggggca	catgatcttc	tgctggagct	ggtccttccg	1320
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gcccagtgta	agttcccaca	cgatgcagct	ccacatcggg	gccgccaggt	ccgtacacac	1500
ggccacatac	atgggcgcgg	ccccgcgcgg	tccgcggacg	cgtgggcgga	cgggtgggtc	1560

<210> 7714
 <211> 8029
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5186)...(7695)
 <223> similar to gi388765 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7714
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 acgtttttaa agcaaaactt tataaatttc ttaccacact cattcccaag ttttatccca 180
 caaagtatag catgaaacaa tgacaacata catattattc aagtaaaatg ctatttaaaa 240
 tagctgcaca caggttaatta aaacactagg atccagtttt tagaggaaaa agtcatgtgg 300
 cacaatttca agttcataat tgaagttaac agtaaaacag atttgctcac atttgcttct 360
 gatctttatt tctgctgtct ctcttttagta gaataaagaa atggcacttc acataaaatc 420
 atatttaaaa gctactaaaa tggataaaca gatgcagatc agctctttaa tgagaatccc 480
 tgcatagctg gaggaagttc aaggataatt gttttttcaa ggcaaataga ctcttggtac 540
 gtggctaatt tcatgtacat tatcatcgct gggaagttcc tgctgagaac tcacggtagc 600
 tatgccagaa aagtactttc ttacagggag gtggtgaaat aatgccgat aaatgcaagt 660
 aagggtcaata tctccctctt ggtctagatc aggagctggc aaactttttc ttttaaggaga 720
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<210> 7715
 <211> 2153
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2154)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (1749)...(625)
 <223> similar to gi4886461 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7715
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ctgcaacctg ggctgcaggg tgaggtggct ccctccgcac agggcccagg acaccacca      180
tggcacaggc caggctgctg cccccacacg gcctccacga ggtcacgggt ccatctccac      240
aaccccaagg cagtaagcag tgtgcctcgc ttctgcgaag ctgggccaat gaagaggccc      300
cgccccacc ctcaggcccc gccctctccc cttggaaaac aggtggtttt ttcctaacac      360
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ctgggagcca ctgcatggat ggtgggcaag gtccgggagc cagctccaag gagcaggaag      480
cagggggcca tgacggcagg acaggcccag ccatagcccc gggaagagag actgccctgt      540
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acccgagcag gtctggaggg ccctcagagc ggggcagggg cgggcacgct ggggaggggc      660
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ccatcgagaa acccctgcag ctcccgcgcc ctcttgctgt ccacgaaccg ctctcggatg     1560
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```

<210> 7716
 <211> 858
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (112)...(589)

<223> similar to gi849238 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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atcatctcca	ggctggtggt	gcttatattt	ggcacccttt	accctgcgta	ttattcctac	180
aaggctgtga	aatcaaagga	cattaaggaa	tatgtcaa	ggatgatgta	ctggattata	240
tttgactttt	tcaccacagc	agagacattc	acagacatct	tcctttgttg	gtttccattc	300
tattatgaac	taaaaatagc	atttgtagcc	tggtgtgtgt	ctccctacac	aaaaggctcc	360
agcctcctgt	acaggaagtt	tgtacatccc	acactatctt	caaaagaaaa	ggaaatcgat	420
gattgtctgg	tccaagcaaa	agaccgaagt	tacgatgccc	ttgtgcactt	cggaagcgg	480
ggcttgaacg	tggccgccac	agcggctgtg	atggctgctt	ccaagggaca	gggtgcctta	540
tcggagagac	tgccggagctt	cagcatgcag	gacctacca	ccatcagggg	agacggcgcc	600
cctgctccct	cgggcccccc	accaccgggg	tctgggcggg	ccagcggcaa	acacggccag	660
cctaagatgt	ccaggagtgc	ttctgagagc	gctagcagct	caggcaccgc	ctagaatcct	720
tcgatctcgc	ttcaggaaga	aaagtacctc	atcctcggcc	accgaaacca	cgtgagttag	780
atgagccaac	agcaccggat	ccacagaatg	tttcttctct	gccttaaaga	gctattcact	840
aataacatag	aatccgc					858

<210> 7717

<211> 1510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(904)

<223> similar to gi2649734 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7717

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ccatccatat	tgactgtgag	aagcgcatca	ctagctgcaa	aggcggccag	gccgacgtgg	180
tgctcttttt	catccatggt	gtcggcggtt	ccctggccat	ctggaaggag	cagctggact	240
tctttgtgcg	cctaggctat	gaggtggtgg	ctcctgacct	ggcggccac	ggggccagct	300
ctgcgcccc	ggtggccgca	gcctacacct	tctatgcgct	ggctgaggac	atgcgagcaa	360
tcttcaagcg	ctatgccaag	aagcgaaatg	tgctcattgg	ccattcctac	ggtgtctctt	420
tctgcacatt	cctggcacat	gagtaccag	acctagtgc	caaggtgatc	atgatcaatg	480
gcggggggcc	tacggcgctg	gagcccagct	tctgctcaat	cttcaacatg	cccacctgcg	540
tcctgcactg	cttgtcgccc	tgctggcct	ggagcttctt	caaggccggc	ttcgcccgcc	600
aaggagccaa	ggagaagcag	ctgttaaagg	agggcaacgc	tttcaacgtg	tcctccttcg	660
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ctggcgccac	cgaacctgca	catctcaact	tgtaactcaa	taaacagaag	tgacaatcgg	1500
aaaaaaaaa						1510

<210> 7718

<211> 2177

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (952)...(2088)

<223> similar to gil301892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7718

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gtgcatctgt	gcactgagtg	cttgcttctc	gttcagtga	ggtcgagaaa	gggatcatga	180
actacgtcac	agaaggcatc	atcaccaatc	acccaaatct	cactttgaat	taccacatta	240
tcctggactg	ctagctcacc	agaagccggt	cattagaaaag	tcctataaat	gtctgcacaa	300
acgctgtagg	cctaagcttc	caccttcacc	taataacccc	cccaaattcc	caaatcctca	360
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gattgactca	aaaaaaa					2177

<210> 7719

<211> 2211

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (352)...(1180)

<223> similar to gi4680679 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7719

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caggacaccc	aggatagacc	ccctccacgc	agcacctggg	ccctgggagc	ggctgctttt	240
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tacctcgacc	gcataggaca	gctgttcttc	ggcgtcccg	ccaagcagac	gtcttcctac	1080
gggggcctgc	tcgggaacct	tctgaccagc	ctcatgggct	cctcagagca	ggaggatggg	1140
gaggagagcc	ccagcgacgg	cagccccatc	gagctggact	gaactggcca	ggccacgtgg	1200
agacaccacg	gtcgacgacg	gctggagggg	cgtttcagag	gcgagtctct	gggtggctcct	1260
cgcttggggg	gctcctggcc	ctgaggctgg	cggtggccgc	atgccggcgc	gtgtctgttt	1320
ctgtgcggcg	gctcaggggtg	gcacggctgc	tgctcactgt	gctgctggga	cccaagagtg	1380
gggcgtcgcc	cctgctggcc	gccgcgtccc	ccgagattga	cccacaataa	agcacaggcc	1440
ttaccgcggc	gtcacctctc	cccactcctt	tgttctgggt	cctttcgggg	gggctgatgg	1500

gcagcacagg	aggcccgtcc	tcgggggggt	gcgcacatca	cgctccttgc	cgggcggtccg	1560
gcacagctgc	ggtcaccaaa	gcaggtgctg	gccctcggac	ctgagagccc	agccagggcc	1620
catgtggtct	gcaaattggga	gcggctgttt	ttgaacacgg	ggtcattctg	cagtcaggac	1680
gaaccgggtcc	ccgtcgcaga	cggagtgcac	gtgccctgcg	ccacatcctc	acgctcgggtg	1740
gagggacgcg	tgcggcggga	cgggtgcctac	gggtacttgc	agctgtgtcc	catgtggcat	1800
cccagagctg	cgccctgctg	gtctctgtga	gcgccacgct	gctgtgctgg	aaatgccgct	1860
ttaaaaagg	ataccgtggg	actctgccc	tctctttcat	aacgcaatat	ttatttgtat	1920
tgggtgacga	ttgattcttt	cgacctaac	ttttgggttt	taaccaaata	accggtccag	1980
gagtgagcag	ctccgttctg	tcagatgcta	ctccaaatgt	taccagaacg	atgacaaaag	2040
gggagacgct	ctattttttc	acagttaa	gacagttgta	gattgatacg	cagttgtgca	2100
tgggaagg	aaacgcacag	ctttattttac	tgtaaagtgg	aatttcagga	aggcttgtgt	2160
gaaccgttgc	gcataaataa	accctttcta	ccgggctgtg	caaaaaaaaa	a	2211

<210> 7720

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(828)

<223> similar to gi297902 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7720

gtggtggaat	tcgagccgct	gaggggtgcg	gctgaccctg	taagtggctg	cggcgggaag	60
atggcggagc	tgcgcgtgct	cgtagctgtc	aagaggggtca	tcgactacgc	cgtgaagatc	120
cgagtgaagc	ctgacaggac	cgggtgtggtc	acggatgggtg	tgaagcactc	catgaacccc	180
ttctgtgaga	tcgcgggtgga	ggaggctgtg	cggctcaagg	agaagaagct	ggtgaaggag	240
gtcatcgccg	tcagctgtgg	gcctgcacag	tgccaggaga	cgattcgtac	cgccctggcc	300
atgggtgcag	accgaggtat	ccacgtggag	gtgccccag	cagaagcaga	acgcttgggt	360
cccctgcagg	tggctcgggt	cctggccaag	ctggcagaga	aggagaaggt	ggacctgggtg	420
ctgctgggca	aacaggccat	cgatgatgac	tgttaaccaga	cagggcagat	gacagctgga	480
tttcttgact	ggccacagg	cacattcgcc	tcccagggtga	tgctggagg	ggacaagttg	540
aaagtggagc	gggagatcga	tgggggcctg	gagaccctgc	gcctgaagct	gccagctgtg	600
gtgacagctg	acctgaggct	caacgagccc	cgctacgcca	cgctgccc	catcatgaaa	660
gccaagaaga	agaagatcga	ggtgatcaag	cctggggacc	tgggtgtgga	cctgacctcc	720
aagctctctg	tgatcagtgt	ggaggacccg	ccccagcgca	cggccggcgt	caaggtggag	780
accactgagg	acctggtggc	caagctgaag	gagattgggc	ggatttgagc	ccctcccaga	840
gatggcaata	aaactgactc	tcaacaaaaa	aaaaa			875

<210> 7721

<211> 1763

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (184)...(1365)
<223> similar to gi4469023 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7721
gccatcatgg cggcgccac gaggcctgtc eggctcccgg aagcaggctg tgaggggceg 60
gagcgctgct ggaacccgag ccggagccgg agccacagcg gggagggtgg cctggcgggc 120
tggagccgga cgtgtccggg gcgtcccgc agaccggggc agcaggctcg ccggggggccc 180
accatgctgg tgactgccta ccttgctttt gtaggcctcc tggcctcctg cctggggctg 240
gaactgtcaa gatgccgggc taaaccccct ggaagggcct gcagcaatcc ctccttcctt 300
cggtttcaac tggacttcta tcagggtctac ttcttgggcc tggcagctga ttggcttcag 360
gccccctacc tctataaaact ctaccagcat tactacttcc tgggaaggtca aattgccatc 420
ctctatgtct gtggccttgc ctctacagtc ctctttggcc tagtggcctc ctcccttggtg 480
gattggctgg gtcgcaagaa ttcttgtgtc ctcttctccc tgacttactc actatgctgc 540
ttaaccaaac tctctcaaga ctactttgtg ctgctagtgg ggcgagcact tgggtgggctg 600
tccacagccc tgctcttctc agccttcgag gcctgggtata tccatgagca cgtggaacgg 660
catgacttcc ctgctgagtg gatcccagct acctttgtct gagctgcctt ctggaacat 720
gtgctggctg tagtggcagg tgtggcagct gaggctgtag ccagctggat agggctgggg 780
cctgtagcgc cctttgtggc tgccatccct ctccctggctc tggcaggggc cttggccctt 840
cgaaaactggg gggagaacta tgaccggcag cgtgccttct caaggacctg tgctggaggc 900
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gagagtgtca tcttcatctt tgtcttctc tggacacctg tgctggacct acacggggcc 1020
cctctgggca ttatcttctc cagcttcatg gcagccagcc tgcttggctc ttccctgtac 1080
cgtatcgcca cctccaagag gtaccacctt cagcccagtc acctgctgtc ccttgctgtg 1140
ctcatcgctg tcttctctct ctctcatgtg actttctcta ccagcccagg ccaggagagt 1200
ccggtggagt ccttcatagc ctttctactt attgagttgg cttgtggatt atactttccc 1260
agcatgagct tcctacggag aaaggtgatc cctgagacag agcaggctgg tgtactcaac 1320
tggttccggg tacctctgca ctactggct tgcctagggc tccttgtcct ccatgacagt 1380
gatcgaaaaa caggcactcg gaatatgttc agcatttgct ctgctgtcat ggtgatggct 1440
ctgctggcag tgggtgggact cttcacctg gtaaggcatg atgctgagct gcgggtacct 1500
tcacctactg aggagcccta tgcccctgag ctgtaacccc actccaggac aagatagctg 1560
ggacagactc ttgaattcca gctatccggg attgtacaga tctctctgtg actgactttg 1620
tgactgtcct gtggtttctc ctgccattgc tttgtgtttg ggaggacatg atgggggtga 1680
tggactggaa agaaggtgcc aaaagttccc tctgtgttac tcccatttag aaaataaaca 1740
cttttaaagt atcaaaaaaa aaa 1763

```

```

<210> 7722
<211> 954
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (735)...(177)
<223> similar to gi4877285 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7722
ttttttttttt ttcctgaatg acacccataa cagcttttatt ttcaaaggcg ggatccctcc      60
ccgggcttgt gatgggacgg cgctgtgggc ccgagcagca gagccgtgca ggacaggcat      120
gggcaggggt ggggcagctg gcccgggagg ccggcaggtc ccagaagaca cctcacacgg      180
gttccatctg cagctcctcc ccgtccacag cctcaatctg gtggaaggca gcgtgggagc      240
cgatgaccac caggggtggct cccagcaccg agaagacggc cgagcccgcg ccagccagcc      300
agaagaaggg gaaggagatg cctccagcca gagcatactg atgcgctggg ctcacctctc      360
ggccaaagag cacaagcttg gactccaagg tgcgcagata gagaatgtaa caggcgccga      420
aaaagacagc cagagccacc agcaacatag gggacgtcac cacacagtac aggatgaggg      480
ccaggaacac gaacacatag ttgctctggg agtactccac gttgcgtacg aggcgctggc      540
acagctctcc cagggttgccg ggccgtgaga agcgcgtgctg gtccacgaag gtgctccagg      600
gccggatggg cgcgcgggcg cgctccagcc actcccggcc tgcaccggag ggaatcagct      660
tcggcagcag ggtcgtgccc ctcagccctt ccgcctcggc atctttctgc tggctcttct      720
gcgctgccat gtttgcgtcg tgaggggtag agctgctgta accagcccgg taccctgaag      780
acccgcggcg cccgcggcga cgccggcccc acccagcgga gtcgacgtgg cgacggccg      840
gagcagctgg ggactgtagt tctgccggcg agtattgtgg gagttgtagt cctgacgggtg      900
actaagagga tgggcgctat atggcggggt ttacggcctt catcagggtc caat          954

```

<210> 7723

<211> 2159

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (434)...(1438)

<223> similar to gi55940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7723
aaactgattg caggcagtat gtaggcattc ttcatcaga atggacatta atatcttgaa      60
tagagaagaa agctttttaga aatgtatcat ttgtcaaaat tgcattgcctt ttaaaaaatg      120
ataaagagag atgctgagtg ttttgtatgt tagcatcgac tctttctttt tatttctgtt      180
cagactcaag tttttagaag ctagaatata gatcccttta agaaaaaaaa aggaagaaag      240
aagaatttgc tgggttagtcg acctctgttt aagaagtgct tcattcctct cctccacctc      300
tccgtgggtg ttctctgcag ctctctgtag gttagggttc tgtgctgcct ggcagaatgc      360
tcatgtgtta gctgaataga tatcatcgac agacatagac cactataggt tttctttcct      420
tgtgaattcc aaaatgccat ccaaagagtc ttggtcaggg aggaaaaacta atagggctgc      480
agttcacaaa tcaaaacaag agggccgtca gcaagattta ttgatagcag ccttgggaat      540
gaaactgggt tctccaaagt cgtctgtgac aatctggcaa cctctgaaac tctttgctta      600
ttcgcagttg acatcacttg ttagaagagc aactctgaaa gaaaacgagc aaattccaaa      660
atatgaaaag attcacaatt tcaagggtga tacattcaga gggccacact ggtgtgaata      720
ctgtgccaac tttatgtggg gtctcattgc tcagggagtg aaatgtgcag attgtggttt      780
gaatgttcat aagcagtgtt ccaagatggt cccaaatgac tgtaagccag acttgaagca      840
tgtcaaaaag gtgtacagct gtgaccttac gacgctcgtg aaagcacata ccactaagcg      900
gccaatgggt gtagacatgt gcatcagga gattgagct agaggtctta attctgaagg      960
actataccga gtatcaggat ttagtgacct aattgaagat gtcaagatgg ctttcgacag      1020
agatggtgag aaggcagata tttctgtgaa catgtatgaa gatatcaaca ttatcactgg      1080

```

tgcacttaaa	ctgtacttca	gggatttgcc	aattccactc	attacatatg	atgcctaccc	1140
taagtttata	gaatctgcc	aaattatgga	tccggatgag	caattggaaa	cccttcatga	1200
agcactgaaa	ctactgccac	ctgctcactg	cgaaaccctc	cggtagctca	tggcacatct	1260
aaagagagt	accctccacg	aaaaggagaa	tcttatgaat	gcagagaacc	ttggaatcgt	1320
ctttggaccc	acccttatga	gatctccaga	actagacgcc	atggctgcat	tgaatgat	1380
acggtatcag	agactggtgg	tggagctgct	tatcaaaaac	gaagacattt	tattttaaat	1440
ttttaatttg	aggggaaaag	aatgtttta	cagatgaagg	aatgttttat	agtaatttaa	1500
tttgctctg	tagctgcatt	atttcttgat	tagaggtttg	ggcatataac	cagattaaag	1560
tgaaggaa	ttctgttggt	tttgtagcac	cgctcagctg	tcttgtaaaa	cagtgaacac	1620
acgctttctg	gttctagtaa	tcttgggtgt	ttatcacgtt	cagagaaaact	caagctattg	1680
catgattagc	cccctatctg	gcaaggaaaac	cccatacaga	agaaaacaaca	aacctgcgcc	1740
tgcaccgcct	ctgcgtcctg	ggtagtctgt	gcttgtaatc	cagcatgttt	cacagagtaa	1800
gcctgttggtg	actttgcttt	tgggggtctat	gtcattgggt	tctgatgctt	gtacaaacac	1860
gcacacacaa	atggataaaa	cagcacctct	ggctgttaca	ttaccataaa	ccatattcaca	1920
tgcctacatt	ttacaaatga	tttctgggtt	ctcttagttc	ttctctaaca	tagtactttc	1980
tttccagcaa	aagcaaaatg	tgttttcaga	tttgttactt	taataaagg	tatccatacc	2040
aataaaaagt	gtacaacaca	gcattttctg	ttaaattatt	attggttttc	agttgtaatt	2100
tggtattttt	tctggcatgc	gtttattaat	ttattaaatt	ggcttttaga	aaaaaaaa	2159

<210> 7724

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(358)

<223> similar to gi3875142 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7724

tcggtgcgta	attcggcacg	aggtctgaag	atggcgccct	cagcagcgcg	aggtgctgcg	60
gcgctgcgta	gaagtatcaa	tcagccgggt	gcttttggtga	gaagaattcc	ttggactgcg	120
gcgtcgagtc	agctgaaaga	acactttgca	cagttcggcc	atgtcagaag	gtgcatttta	180
ccttttgaca	aggagactgg	ctttcacaga	ggtttggtt	gggttcagtt	ttcttcagaa	240
gaaggacttc	ggaatgcact	acaacaggaa	aatcatatta	tagatggagt	aaaggtccag	300
gttcacacta	gaaggccaaa	acttccgcaa	acatctgatg	atgaaaagaa	agatttttga	360
gactgcagcc	tattaataaa	gttaacataa	ctgagaaaaa	aaaaa		405

<210> 7725

<211> 2144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1812)...(1952)

<223> similar to gi4262110 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 7725
gacccagcc tcccctctgc tttgcatggg acctaagtct ccatttacag aactcactat 60
ttgcctcttg tgggggaagt cccagatgt cagccttctc gtgggaatta taagaagtat 120
gagccccaaga gctccttttag tctctcccca gccagagtc acatattttc ccccatgttt 180
tgtgggtgaa aaggcccttc agaaccctaa atccaccag tttatatttg ttgctgggct 240
gcgtcattct agtcagaatc tgggaggatg ccaccatacg tagaggaggc catgagggtc 300
tcacctgtaa cattctgtag atatgacttg tttattctgt ctactgtgag tgcctgactc 360
tgagtagaat caaggccggg ggattgtcat ctgctttgtt tatgaaatta tgccaagccc 420
caagaagagc gatgcacaaa tgagggtgtt tgaatgtatg tgttgaatga gtgaacccca 480
acctttggag aacccagtg agcctctcca gatgtctgag tgggcctgtg gctccttttt 540
cagcaccaag ggacccctct tctgtctgtg tcaaggagaa agaccagcca gaaggaatct 600
cagacatcct ttaccagtgc catcgcagac ttggtttcta tgtgtttttc caaacagtga 660
gtgatacagg ccattgaggc agaatgctga gagctgcttc aagtgagggg gaagagaaaa 720
gtaacaaaca tgaatcacag cacccccagc agattttcca gagttttagg ctctagggac 780
ccctttgttt gctgtgtctt agatcattga gtccctacaa gaacctgtg aggttcgtct 840
tctcactact cctgtttcca gaggagccaa ccgaggctcc gagaggtgca tcttcaagac 900
agaccagta ggggacagag gcacctctgt gtcttgaggg gggatggaca ctcaccttct 960
aaccagtagt tccaaaaagt gtggcacagt gataaagtcc caggaggggc ccaggcaggt 1020
ggcataggag gagatgggtt tagttagaaa ggctggaacc agggactccc aacagcttct 1080
ccccagtgcc gggctggaaa gttagcatcc tgcagatctc attttcatac tagggggaca 1140
aggagggaca tgggagtcag tggtaacacc atggaccacc agaggatcgg gatctggaac 1200
tcacaccaag aagcaccaac ccttcagga cttgtgcata tggagaacct gggtgcccat 1260
ggtgaaaagc gttctaggct ttcaaagtaa cattgcatgt gaggatggag aatgataaaa 1320
cgattcctgc cttcaaggca tcgtcccgtt gtttgtcagc tgtggggcaa cagcacctc 1380
tgtgtcagca acctgcatga agagcatcat ccctgcaagt cctcaaggcc tggggaggcc 1440
tcatccctc ctatttcag caacagcaca caggacaata cgctctagaa gaactctttg 1500
acttaaaggt atatgattgt tttgttctt ttaacatgaa cgtgagtctg gagaaacagc 1560
tacggccatc ccagccctgg ccaaggggaa aatgccggaa gactccaggg tgggaggaag 1620
cgctcccaa ggcccaggat ctgcgaggcg acttggggaa aacgcaggca ggacctgctg 1680
aagctcacac ccgtggacca ccagactgc ctgccgtac aggatgccct ccgcactctc 1740
caggacttct ttccggcatc agtgtggaca ttgacccac tggactgcag tcacagtgga 1800
ctcccaaggg gcaggatcca cctctgatgt tcagtgaaga ctaccagaaa agtctgctag 1860
agcagtacca tctgggtctg gatcaaaaac tcagaaaata cgtggttgga gagctcatct 1920
ggaattttgc cgatttcagt actaaccagt gtggttgagg agtgggcca gggcaccttc 1980
aaactcaacc ccaatgatga ggacatccac acagccaaca agtgccacct gaaggtggtc 2040
acggacctca gggtgtggat gtggcagacc tgcttcacgc tctcgggcct cctctgggag 2100
ctcatcagga ctatggggga ttgggcagag gtgttctctg tcca 2144
```

<210> 7726

<211> 1316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (322)...(933)

<223> similar to gil666073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7726
ccggcgccctg ggttggcgct gcggggcgga ggcgggtgtct gagcgccgct ccggctctgc      60
tctctctcga gcttcggcac ccgcccagac cgctcgcgcg cccgccacct gtctgcccac      120
tcggctgtct gtctgccctc ccgcccagag ctctgcctc gggcctgccc tctccggtct      180
cgggtgtccg aggggcgacg agaagcgcgga cggggccgtg gcgcaccggg cagggcgcgcg      240
ggggcgcacg gcctgggggc gcacgggtgcg gcgcgggccc atgaggcttt ccagcgcggg      300
gagcggcagc gccggccggc catgggggggt agcctgcggg tggccgttct aggcgccccg      360
ggcgtgggca agacggccat catccgccag ttctgttctg gtgactacct cgagcgccac      420
cggcccacgg acgggcccgc cctctaccga cccgcggtgc tgctcgacgg cgccgtctac      480
gacttgagca tccgcgacgg cgacgtcgct ggccccggct cgagccccgg gggtcgggag      540
gagtggccag acgctaagga ctggagcttg caggacacgg acgccttcgt gctcgtctac      600
gacatctgca gcccggacag ttctgactac gtgaaggccc tgcggcagcg catcgcgag      660
accaggccgg cgggcgcgcc cgaagcgccc atcctcgttg taggcaaca gcgggacagg      720
cagcggtctg gcttcggacc gggcgcgcg ctggccgccc tagtgcgag gggctggcg      780
tgcggtacc tcgagtgtc cgccaagtac aactggcacg tgctgcgtct cttccgcgag      840
ctgctgcgct gcgctctggt gcgcgcgcgc cctgcacacc cggccctgcg cctgcagggg      900
gcgctgcata ccgcgcgctg cagcctcatg tgacccgatc ggacagtgcc atccatgggc      960
cccaccttgt gactgggaca atcagggacc tggattggac gggatcgccc aacttcactg     1020
ggactggaca ggggaagtct cgccctgatt ggatgaggaa agctccaacc cagtctccta     1080
agcgactggc ccccttttga acctcattgg acccaaccag gtcccaagct ccattggaga     1140
tgaccagtcc tttctgggac ctcaatgggt cacaatccca ttggatggaa aggacttggc     1200
tatgaacttg actggaacaa cgcagcctgc tctggagct tctactggaca tattctttat     1260
gccacaccta ccacgggata ataaaaggga aaataatttg aaaaaaaaaa aaaagg      1316

```

<210> 7727

<211> 2077

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (329)...(1596)

<223> similar to gi758591 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7727
tgaattcccc ggtcgacgat tcgtgtctca ggacgcatgg agccagggct ggaagtctcc      60
atctgggcag gcgccaggca gccctgcag gctggggagg tggaggctgc tggagtcaag      120
aggaaccagg tgagggtgtt ggagcataac aggcttggga ggcaggcaga aacctgccct      180
tctgcaaact ctatctcttc cccctcctgg gagcagacag gatggcgctg tggcctgaaa      240
gcagctgtcc ctctgtgtg caagctcgga ctgctgcacc cagacagatt ccatctctga      300
ccttccactt gttegtctcc agctcgccat ggccaaacag ctgcaggccc gaaggctaga      360
cgggatcgac tacaaccctt ggggtggagt tgtgaaactg gccagtgagc atgacgtcgt      420
gaacttgggc cagggttcc cggatttccc accaccagac ttgcccgtgg aagcctttca      480

```

gcacgctgtc	agtggagact	tcatgcttaa	ccagtacacc	aagacatttg	gttaccacc	540
actgacgaag	atcctggcaa	gtttcttttg	ggagctgctg	ggtcaggaga	tagaccgcgt	600
caggaatgtg	ctgggtgactg	ttgggtggcta	tggtggcctg	ttcacagcct	tccaggccct	660
ggtggacgaa	ggagacgagg	tcatcatcat	cgaacccttt	tttgactgct	acgagcccat	720
gacaatgatg	gcaggggggtc	gtcctgtgtt	tgtgtccctg	aagccgggtc	ccatccagaa	780
tggagaactg	ggttccagca	gcaactggca	gctggacccc	atggagctgg	ccggcaaatt	840
cacatcacgc	accaaagccc	tggtcctcaa	cacccccaac	aacccctgg	gcaagggtgtt	900
ctccagggaa	gagctggagc	tggtggccag	cctttgccag	cagcatgacg	tggtgtgtat	960
cactgatgaa	gtctaccagt	ggatgggtcta	cgacgggcac	cagcacatca	gcattgccag	1020
cctccctggc	atgtgggaac	ggaccctgac	catcggcagc	gccggcaaga	ccttcagcgc	1080
cactggctgg	aaggtgggct	gggtcctggg	tccagatcac	atcatgaagc	acctgcggac	1140
cgtgcaccag	aactccgtct	tccactgccc	cacgcagagc	caggctgcag	tagccgagag	1200
ctttgaacgg	gagcagctgc	tcttcgcgca	accagcagc	tactttgtgc	agttcccgca	1260
ggccatgcag	cgctgccgtg	accacatgat	acgtagccta	cagtcagtgg	gcctgaagcc	1320
catcatccct	cagggcagct	acttccctcat	cacagacatc	tcagacttca	agaggaagat	1380
gcctgacttg	cctggagctg	tggatgagcc	ctatgacaga	cgcttcgtca	agtggatgat	1440
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gcactttgac	cactatatcc	gcttctgttt	tgtgaaggat	gaagccacgc	tccaggccat	1560
ggacgagaag	ctgcggaagt	ggaaggtgga	actctagccc	tgaagtcacg	ccttggccct	1620
gacatcccca	catgcccgcga	gagatcctct	ttgagtgtct	gtctttgtcc	aggtttcaga	1680
catttctagg	ttggggaaga	tgctattggg	aaacctcttc	tccgtgacac	agaatgttct	1740
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gtggcctgac	ctgggcctct	ccctgcccct	ccataggtgg	gtttgtaggg	tcttgtgttg	1860
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atcccagctc	tgcattggccc	ctgctaaggc	tcaggtataa	cctcaccttc	cctggctcat	1980
cttggccttg	gggagttgcc	tttaggcttg	agtccctcaag	cctctccttt	tcgtccataa	2040
taaaatgttt	aagttattaa	gatccttaaa	aaaaaaa			2077

<210> 7728

<211> 1704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(1336)

<223> similar to gi4884241 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7728

gcacgcagc	cgccctcctc	gggcctccc	gccggggg	ccaacgggga	gagcccgggg	60
ggcggcgccc	cctttccggg	cagcagcggc	tcttccgccc	tgctgcaggc	ggaggtgctg	120
gatctggacg	aggacgagga	cgacctggag	gtgttcagca	aggatgcctc	attgatggac	180
atgaactcct	tcagccctat	gatgccaaaca	tcccctttat	caatgataaa	ccaaatcaag	240
tttgaggatg	aaccagattt	aaaggatctc	ttcatcacag	ttgatgaacc	tgaaagtcat	300
gttactacaa	tagaaacttt	cattacgtat	aggattatta	ctaagacatc	tcgtggggaa	360
tttgactcca	gtgaatttga	agttaggaga	cgatatcaag	atttcctttg	gttgaaggga	420
aaactggaag	aagcacaccc	cactctgatt	attccacat	tgccagaaaa	gtttatagta	480
aaaggaatgg	tggaacgctt	taacgatgac	ttcattgaga	cacgcaggaa	ggctttacat	540
aaatttttga	accgaattgc	tgatcatcca	actttaacat	ttaatgaaga	cttcaaaatt	600

tttctcactg	cacaagcttg	ggaactctct	tctcacaga	agcaagggtcc	tggcttgcta	660
agcaggatgg	ggcaaaccgt	cagagctggt	gcgtcctcaa	tgagaggagt	taaaaaccgc	720
ccagaggagt	tcatggaaat	gaataacttt	attgaactat	ttagccagaa	aataaatttg	780
atagataaaa	tatctcagag	aattttataag	gaagaaaggg	aatatatttg	tgaaatgaaa	840
gaatatggcc	caattcatat	tctgtgggtca	gcgtcagaag	aggatctggt	tgatactcta	900
aaggatggtg	ccagctgcat	tgacagatgc	tgtaaggcca	ctgaaaagcg	gatgtctgga	960
ctctcagagg	ccctgcttcc	tggtgtacat	gagtacgtgc	tttatagtga	aatgttaatg	1020
ggtgttatga	aaagaagaga	ccaaatacaa	gcagaactgg	attccaaagt	tgaagttttg	1080
acctataaaa	aggcagatac	tgatctgctt	ccagaggaga	ttggaaaact	tgaagataaa	1140
gtggaatgtg	ctaataatgc	cctgaaagca	gattgggaga	gatggaaaca	aaatatgcaa	1200
aatgatatac	agtttagcatt	tacagatatg	gctgaggaga	atatccatta	ttatgaacag	1260
tgcttctgta	cgtgggaatc	attccttaca	tcacagacca	accttcactt	ggaagaagcc	1320
tctgaagata	aaccttaatc	ccattgagga	cttctgtttg	atctttggga	gacagcattt	1380
attaaccaa	gttattcttt	ctggatctgc	cgtgtcctta	taaagtggat	gaaaaatggt	1440
ttgtacccat	ctggaaaacc	aacaacttga	aatctcaggt	attccagggtc	actgacatga	1500
atgtgaagat	atatctatct	gtatggatat	atatctatat	gtatatagat	atataaatac	1560
agagagatat	ctggcttggt	tttaattatg	ttcttaaatt	tgtgtgcca	taattgcata	1620
tagatTTTTT	tcttaaatat	ttgactgtgg	aacatgccat	tttaaatatg	ttgtaaggac	1680
tgTTTTaata	aaaagtttag	tatg				1704

<210> 7729

<211> 2309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2222)...(1845)

<223> similar to gi455109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7729

gctaaataaa	atgggggaac	cccagggttt	ttccctcccc	ccggttttta	aacacggggc	60
ccgaaattga	atTTTTgggg	cccaaaaaaa	aaatatTTct	tttccctccc	ccgggcataa	120
aaattgatcc	tttaaaaagg	gccccccctt	tttttttttt	tgacagtttt	taattgtgcc	180
tttattcaac	ttagttcatt	aaaaatgttt	taaagatcct	ataaataaag	tgaccactca	240
catgggatat	aggtcacccc	tcagcatggt	atTTTTtttc	ttaaaaagca	gtatttctta	300
caggaatctt	actgatcaca	cggtagttag	aataatgtca	gatatgatgt	atacagtcta	360
aacgagacag	tccagttaag	aatatacata	atgtaaaaat	acacatatta	aaagttagcc	420
aagtggacag	acgcatgcgg	gggtgggggg	agcagggtgac	aggaactcct	ttaacaatca	480
gtagagggcc	cagatgcaaa	gaatctggtt	ttccccgtta	cagtaaacag	ctttcactaa	540
cgtatacagg	tatttctatac	acatctaaac	acacaagggg	aagttgtgac	ctgctacaca	600
taggggtctaa	agtggtgtaa	ttgtgatttt	cctgtgatac	tccaagaaa	actataaata	660
gtgaacccca	tgcaagtact	gggaagcact	agtcttttat	cacaggttga	acctgaggag	720
gtttaactct	tgacattagt	atctgtaaag	agcgtacggc	tctttttgct	atgttttctc	780
cacaactgac	atgcacttgg	tgtgggagaa	ttctgatggc	tgtctgacct	aagagtgata	840
actactattc	aaaatgtggg	taccttttca	gtaatactga	gttacacatt	taacattaaa	900
aaaacaaaaa	cgtggatcat	ccacagcttt	aagccggaag	gcagaaggga	gtgtgtctga	960
atgttaaatgt	tttcagttat	actattttgt	gtttctcccc	ctgtactcca	gagtgcact	1020
ggtacactgc	tgttttccgt	aacaacacag	gcactagttt	gaactcagac	aaaacctgaa	1080

acagaagaaa	tgccactctt	tctccagggt	cttttaagaa	actcgatcaa	aattataaat	1140
tattcaagtt	tccttttgag	tgggtgtctt	atgtgtgtaa	ctatctagag	aacaaaccaa	1200
accagaaatg	tctaccctg	caagagtgag	gactttgggt	gtgggtctct	taggagtcag	1260
ggaccttcag	cagtttacag	tcagggccgt	tttctcacac	agcccgttta	ccctgcgttt	1320
gtgccaaactg	tgatggcaaa	tgccgttttg	cggggggttg	gcttcacaac	tcaggcctaa	1380
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ggttctgtga	acctgaagag	aagactcagg	gtctctctga	aagcctttaa	attactgctg	1500
gaattacaag	ttcctattag	tgagaaaaga	gcattaaaat	aacctgaagg	tctattttat	1560
tggcaactta	gaatgcaaag	tattttat	ttaaactttt	aaaatttgaa	aacaagctag	1620
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gcttgaaaca	caaacacaac	ttcctaacac	tcctaggtgg	gaacactact	gtttcatgat	1740
ctgtgattgg	atgaactgat	cgatctcagt	tggtaacatc	cctttttttt	ccttggttaag	1800
ggtttaaaaca	attctagaag	agatgcattt	tttctggttt	tacactgaca	atttcatccc	1860
gaacgtctcc	tgggaggcat	agaccatgta	caggaatcca	tcttcatctt	tctcactctc	1920
atacacctct	gagattgggtg	tggagacgct	gaccatgctg	tgtccgttca	ccaacaggaa	1980
gaaggcctga	ttagcattga	gctgtaagcg	ccttctaatt	atcttgatga	gctcactcat	2040
gttgacatgg	tcaggtacaa	ggaactttgt	tttatccaga	acaggaagct	gcttctcacc	2100
cttgatcgt	tctattatca	ccgggatttt	ggttgatgc	tgctctcgaa	taagtccggac	2160
atcttctact	ctttgttcga	aggtgcggcg	ctgcttgaa	gtcttctccg	acggcatggg	2220
gcggggatct	gggcggcggc	ggcggcgacg	acgcgaggg	cccggcggt	cccgggggcg	2280
gcggctgctg	cggcggcgaa	tccgactct				2309

<210> 7730

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(761)

<223> similar to gi4704419 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7730

ggaggaattc	ctgtccctac	cacaggcagt	gaacggcggc	tgtcagggga	cctcagctcc	60
atgccaggcc	ctgggactct	gagcgtccgt	gtctctcccc	cgcaaccat	cctcagccgg	120
ggccgtccag	acagcaacaa	gaccgagaac	cggcgtatca	cacacatctc	cgcgagcag	180
aagcggcgct	tcaacatcaa	gctggggttt	gacacccttc	atgggctcgt	gagcacactc	240
agtgccagc	ccagcctcaa	ggtgagcaaa	gctaccacgc	tgcagaagac	agctgagtac	300
atccttatgc	tacagcagga	gcgtgcgggc	ttgcaggagg	aggcccagca	gctgcgggat	360
gagattgagg	agctcaatgc	cgccattaac	ctgtgccagc	agcagctgcc	cgccacaggg	420
gtacccatca	cacaccagcg	ttttgaccag	atgcgagaca	tgtttgatga	ctacgtccga	480
accggtacgc	tgcacaactg	gaagttctgg	gtgttcagca	tcctcatccg	gcctctgttt	540
gagtccttca	acgggatgg	gtccacggca	agtgtgcaca	ccctccgcc	gacctactg	600
gcctggctgg	accagtactg	ctctctgccc	gctctccggc	caactgtcct	gaactcccta	660
cgccagctgg	gcacatctac	cagtatcctg	accgaccggg	gccgcatccc	tgagcaagcc	720
acacgggcag	tcacagaggg	cacccttggc	aaacctttat	agtcctggcc	agaccctgct	780
gctcactcag	ctgcctggg	ggctgctttc	cctgggcacg	ggctccaggg	atcatctctg	840
ggcactccct	tcttgcccc	ggcctggct	ctgccttcc	ctggggggtg	gagcagggtc	900
caggtttcac	acttgccacc	tcttgagggt	caagaagagc	agagtcctccg	tcctgctct	960

gccactgtgc	tccagcacccg	tgaccttggg	tgactcgtcc	gctgtctttg	gaccgctgtg	1020
tttcaatctg	caaaatgggg	atggggaagg	ttcaatcagc	agatgacccc	caggccttgg	1080
cagctgtgac	attgggggcc	taggctggca	actccggggg	ctcaacgggtg	gaaagaggag	1140
gatgctgttt	ctctgtcacc	tccacttget	ccccgacagg	tggggcacag	acctctgttc	1200
ctgagcagag	aagcagaaaa	ggaggttccc	tctctctgct	ccttcactgc	tgaccagag	1260
gggctgcagg	atggtttccc	ctgggagagg	ccaggagggc	ctgatcccag	gagacaccag	1320
ggccagagtg	accacagcag	ggcaggcatc	atgtgtgtgt	gtgtgtgtgg	atgtgtgtgt	1380
gtgggttttg	taaagaattc	ttgaccaata	aaagcaaaaa	ctgtcaaaaa	aaaaa	1435

<210> 7731

<211> 2075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (155)...(1672)

<223> similar to gi2677802 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7731

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tcggcgaacc	tgggagctgg	cggaagcct	gctggtaatg	cgcttggtgcg	cctggcccgc	120
gctgctggcg	cgccacgagc	agctgctgta	tgtttcagg	aaacttctag	gacagaggct	180
attcaacaag	ctcatgaaga	tgaccttcta	tgggcatttt	gtagccgggg	aggcccagga	240
gtccatccag	cccctgcttc	ggcactacag	ggccttcggt	gtcagcgcca	tcctggacta	300
tggagtggag	gaggacctga	gccccgagga	ggcagagcac	aaggagatgg	agtcctgctc	360
ctcggctgcg	gagaggggatg	gcagtggcac	gaataagcgg	gacaagcaat	accaggccca	420
ccgggccttc	ggggaccgca	ggaatggtgt	catcagtgcc	cgcacctact	tctacgccaa	480
tgaggccaag	tgcgacagcc	acatggagac	attcttgccg	tgcatcgaag	cctcaggtag	540
agtcagcgat	gacggcttca	tagccattaa	gtcacagca	ctggggagac	cccagtttct	600
gctgcagttc	tcagaggtgc	tggccaagtg	gaggtgcttc	tttcaccaa	tggctgtgga	660
gcaagggcag	gcgggcctgg	ctgccatgga	caccaagctg	gaggtggcgg	tgctgcagga	720
aagtgtcgca	aagttgggca	tcgcatccag	ggctgagatt	gaggactggg	tcacggcaga	780
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gaccaagctg	tccaagcacc	tggtagtccc	caacgcacag	acaggacagc	tggagcccct	900
gctgtcccgg	ttcactgagg	aggaggagct	acagatgacc	aggatgctac	agcggatgga	960
tgtcctggcc	aagaaagcca	cagagatggg	cgtgcggctg	atggtggatg	ccgagcagac	1020
ctacttccag	ccggccatca	gccgcctgac	gctggagatg	cagcggaagt	tcaatgtgga	1080
gaagccgctc	atcttcaaca	cataccagtg	ctacctcaag	gatgcctatg	acaatgtgac	1140
cctggacgtg	gagctggctc	gccgtgaggg	ctggtgtttt	ggggccaagc	tgggtgcggg	1200
cgcatacctg	gcccaggagc	gagcccgtgc	ggcagagatc	ggctatgagg	accccatcaa	1260
ccccacgtac	gaggccacca	acgccatgta	ccacaggtgc	ctggactacg	tggtggagga	1320
gctgaagcac	aacgccaagg	ccaaggtgat	ggtggcctcc	cacaatgagg	acacagtgcg	1380
cttcgcactg	cgcaggatgg	aggagctggg	cctgcctcct	gctgaccacc	aggtgtactt	1440
tggacagctg	ctaggcatgt	gtgaccagat	cagcttcccg	ctggggccagg	ccggctaccc	1500
cgtgtacaag	tacgtgccct	atggccccgt	gatggagggtg	ctgccctact	tgtcccgcgc	1560
tgccctggag	aacagcagcc	tcatgaaggg	cacccatcgg	gagcggcagt	tgctgtggct	1620
ggagctcttg	aggcggctcc	gaactggcaa	cctcttccat	cgccctgcct	agcaccgcgc	1680
agcacacctt	cagcctccag	cacccccgcg	ccccgccag	gccatcacca	cagctgcagc	1740

caaccccatc	ctcacacaga	ttcacctttt	ttcacccac	acttgacagag	ctgctggagg	1800
tgaggctcagg	tgccctccag	ccctgcccag	agtatgggca	ctcaggtgtg	ggccgaacct	1860
gatacctgcc	tgggacagcc	actggaaact	tttgggaact	ctcctcgaat	gtgtgggccc	1920
aaggccccca	cctctgtgac	ccccatgtcc	ttggacctag	aggattgtcc	accttctgcc	1980
aaggccagcc	cacacagccc	gagccccttg	gggagcagtg	gccgggctgg	ggaggcctgc	2040
ctggtcaata	aaccactggt	cctgcaaaaa	aaaaa			2075

<210> 7732

<211> 1588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (480)...(341)

<223> similar to gi3288513 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7732	
tttttttttt	60
ttgtattata	120
aactgacttt	180
taataataat	240
aaaaaatcta	300
tcaagaattt	360
aacgagaaga	420
atctgtacat	480
tttaaagtaa	540
accagtcac	600
aatgcgctgg	660
ccctgggccc	720
tccccattt	780
cccgcagcag	840
ggctaaagcg	900
ggtcctcctt	960
tgtctctgat	1020
gcaagataca	1080
gtgacaaggc	1140
cactgcctgc	1200
cctcgtgtat	1260
gctgcggcaa	1320
gagagggaag	1380
cgcaccctgg	1440
agggcgggag	1500
gctcggtatgc	1560
cagatgccgg	1588
gagggcttca	
agctcccagg	
cctgggggca	
gcagggagcc	
cccacctgaa	
ctcaccacct	
gccaggggtg	
acaggcgctcc	
ccccgcttcc	
tccccagctg	
tgacctttcc	
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tgtcccaatc	
gccctgctct	
gagaagttac	
catcaagaaa	
ataaatcaca	
gaagccaccg	
cccgggtgtt	
cccagtgacc	
ctctaacccg	
tgtgacatgg	
cacctcaggt	
ggggctccat	
cccctccagc	
tccaaccctg	
gctggccacc	
tctcaggccc	
ttgtagccag	
tactcaaag	
agagcgagtt	
ttaacaccgg	
ccaaccgctg	
gagaatggag	
ggtgggggaa	
ggaatcacag	
tcgatacctc	
aaaacgacac	
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caacaaaaaa	
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tctcgtgccc	
agggtgtgtg	
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agcgagggtg	
gccaggcttg	
tcccgaagg	
aggcaggag	
gacgtgggc	
aggtcccga	
acgggcggct	
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atggagaagg	
ccagcgctgc	
ttgctgtg	

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<210> 7733
<211> 1129
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (567)...(191)
<223> similar to gi913978 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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tggtaggacag cacgtcacca gaggtgccc caggagcagg cagggccagc cctgcaagag      120
gagtgcaggc aaaggcgggg gctctgaagt ggctgctgga ggcagcaggc cccgggctgg      180
gagtgtcag tagccgtcgt tagcccagg gacctcgtag tcgggggtact tggctttgat      240
tttctcagtt gaaatggcgt gctgggcagg accataggcc atggaatagc cgtacacgtg      300
aatcttcttg tcctgactct ggtgggagat gcgcccgcg cccagacact cacagtgcga      360
gccttgcttc tgcattgtgc cgcacacttt gtcgtagatg tccgcatggt actcagccca      420
ctttagaccg cgcacgatct ccttgctctc tgcagccgga gcccgcgagc ggggagccga      480
gtggactcgg atcagcacat acttgaagac gccgtcggag tcgatgtcca catcaggaat      540
gagagcgagg tccgccaccg ccatgttctt cctcccggag tccccctctc ccaccgacc      600
cggggggccgc ttgtactgcg ggaggcgggc tctgcgagag cgacgaccaa tcccgctcggg      660
gaatgcttcc caaggcccag cgcctcagcc aattgtaccg ccgaccgagg cacgtgctga      720
ccaatcgcaa tccagttcct tgccgccttg cggctccgcc agccccgctt aaaggaaacg      780
tggaatcggg aatgggtggt gatgaaatca gccaacggag aagtctctct ccagcgggggt      840
ccggtggcac ccttggaacg gggcagttag gcggcccgcg aggctgctcg caccacgctt      900
tgccctccag gctcccacct gggaacgccc cgtcccttgg tccttctctt cctaaccagg      960
tgtcagctct ggccaggccc aggtgctctg ctccccctgt tcaggteccc tgccccctcg     1020
gctgggagac ttgcatatcg gcctgaagac ctccctgcgg tttttcccag ctccctgcagg     1080
gccagactg cagcggctgg aggcgaaggg acggcagggc gcgtggcgt      1129

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<210> 7734
<211> 1944
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (348)...(1359)
<223> similar to gi4545264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7734
gggggggtttt ggttcgagac ctagtcacc gtgctggaat tccggaagag ctgggtgctg      60
acggcgctgg gcgggtcagg ggcggagagc gtgctaacca atgacttgag ggagtagggg      120

```


gccggggtttg	ggccctcagt	tgctaagggc	tacccgagtg	ggaagcgggt	caagagatgg	180
ggtgaagggt	gggttcaccg	ttcttcaagt	cctcagcctt	ctggcccgcg	gaagttaagc	240
aaccaagagg	cgggcctaag	accggaagca	ggaaggagg	cgcaggaagc	agggcgccgc	300
agcctgtcgt	acggctcctt	tgtgggtctg	tcggtgccga	gggcaggatg	gagaagctgc	360
ggctcctggg	cctccgctac	caggagtag	tgactcgtca	cccggccgcc	acggcccagc	420
tggagacagc	agtgcggggc	ttcagttacc	tgctggcagg	tcgattcgcc	gattcgcacg	480
agctgtcaga	gctggtgtac	tctgcctcta	acctgcttgt	gctgctcaat	gacgggatcc	540
tacggaagga	gcttcggaaa	aagttgcctg	tgctcgtgtc	ccagcagaag	ctgctgacat	600
ggctgagcgt	gctggagtgc	gtggagggtg	tcatggagat	gggagctgcc	aagggtgtgg	660
gtgaagtggg	ccgctggctt	gtcatcgccc	tcatccagct	ggccaaggct	gtactgcgga	720
tgctcctgct	gctctggttc	aaggctggcc	tccagacttc	accccctatc	gttccactgg	780
acagagagac	ccaggcacag	cccccgatg	gtgaccacag	ccctggcaac	catgagcagt	840
cctacgtggg	gaagcgggtca	aaccgggtgg	tgcgaaacct	ccagaacacg	ccgtccctgc	900
actccgggca	ctgggggagct	ccccagcagc	gggagggacg	gcagcatcag	catcacgagg	960
agctgagtgc	gacccccacc	cccctggggc	tgccaggagac	catcgagag	ttttgtaca	1020
ttgcccggcc	gctgctgcac	ttgctcagcc	tgggcctgtg	gggtcagagg	tcgtggaaac	1080
cctggctctt	ggctggtggt	gtggacgtga	ccagcctgag	cctcctgagt	gacagaaagg	1140
gcctgacccg	gagggagcgg	cgggagctgc	ggcgccggac	catcctgctg	ctctactacc	1200
tgctgcgctc	tcctttctac	gaccgcttct	ccgaggccag	gatcctcttc	ctgctccagt	1260
tgctggccga	ccacgtccct	ggcgttggcc	tggtcacaag	gccgctcatg	gattacttgc	1320
ccacctggca	gaaaatctac	ttctacagtt	ggggctgaca	gacctcccgg	aaggaggggtg	1380
tggggagggg	tggggcaggg	agccctctct	ccctaataaa	actgactccg	gcagcgctcc	1440
agcgtgcggc	ctctccgtgc	ctaccggcca	ggccacacac	agccctggtc	gccaccagcg	1500
ttcctcccag	gacacccttg	actgcgctct	cctgtgacga	tgccactgca	gcccgcacct	1560
tgctactgct	gggccaagaa	gccttcacta	ggagtgggat	ccaggctcct	ctcccacaga	1620
aagcgggtgac	ttcacctcat	ggagcccggg	aagctgcttg	cctcggcagc	cataggagcg	1680
aacactgctg	ctctctcgct	ggcccctggt	gaggacagga	agcctgaacc	cgggtgatgg	1740
ctgaacgctg	cccagcgtgt	cttctggctg	gggccctccg	tcctgcccct	tctccgcagg	1800
gccctgtggc	tctggcagcc	ccaggccatg	gggttgccag	cctccctgtg	acagagcctg	1860
gtgaacagtg	agcctggctc	ccacgcaagt	ggccctttaa	gccctgcata	ctcggttgag	1920
agtaaaaggc	ttttctccct	taga				1944

<210> 7735

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (134)...(379)

<223> similar to gi3094014 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7735

gcggccgcgg	cgggtggcga	gactgtggct	ttaagagcgt	gccgggagcc	cgagccccag	60
ccgggcccgc	cttcgccgct	gcgcacccca	goggagccaa	gccccacgct	ggccggacag	120
ggccgcctgt	cgccggtcat	tccaaggaag	tcaaggacga	gcatacctct	ttaactcagt	180
agttaatgtg	ggctgtgggc	ctgcagaaga	gcgagtgttg	ctaacaggac	tgcatgcagt	240
cgcagacatt	tactgtgaaa	actgcaaaac	cactctgggc	tggaataacg	aacatgcttt	300
tgaagcagc	cagaaatata	aagaaggcaa	atacatcatt	gaactagcac	acatgatcaa	360

ggacaatggc	tgggactgat	tggacagcat	ctaccaacc	cagtgtccac	gttgaacgcc	420
attcaaccga	acattcttcc	caagcgtgag	agagtgactg	aacacttggg	tcccatccca	480
tttaaggggc	cttgcctatc	cgggggcctc	cctcccaccc	ctgacgcca	tctttctctg	540
tgaccggcct	cctaaatcgc	tgtctctctg	tctcttttgc	tttgtatctg	tttgtgaagt	600
tgatcctggg	cttctctctc	tgttctagtt	ttgggctgga	aaacaaaaca	acaaaaggaa	660
cagatccttg	accggcatgg	cggcagccca	ccttggttaag	ggccccaggg	cccatgcgag	720
agctgcctga	tggcctcttg	tcaggagagc	cagtggcacg	ggggcgtag	gaagagggaa	780
aggggaaact	ctaagggtcc	tggcgcgggg	aaggggtgga	aggggtggagg	taggaacaaa	840
attgcgccgc	tcctggagac	ctgataactt	aggcttgaaa	taattgactt	gtctaaaagg	900
acaaagagaa	a					911

<210> 7736

<211> 3128

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (820)...(2271)

<223> similar to gi4191789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7736	
gcgggcgctc	60
tgcaaggaag	120
cgggtcctgg	180
ggcgggcgcg	240
gcagagaccc	300
agaagcttct	360
gaggaggtgg	420
agccggcagt	480
gcagttctga	540
gatgaagaga	600
agtgaataatt	660
aaagatgtcg	720
gcaataaagg	780
gcccttaaaa	840
gatgtaagaa	900
aataaatcag	960
aattctaagc	1020
attgactccc	1080
gcagatcacc	1140
tggctatgta	1200
ctgggacctt	1260
tttgggggtg	1320
aaggtgtgga	1380
ggcttgctgt	1440
tgtctgtcct	1500
gacaaagaag	1560
gtgcagctcg	1620

tcttctagca	ttgtcgtgga	agttctccga	atcctggttt	tgattgggtca	gattcttttt	1680
tcactagcgg	cggtttttct	tttatgtctt	gttataaaga	agtatctcat	tggaccctat	1740
tatcggaagc	tgcacatgga	aagcaagggg	aacaaagaaa	tcctgatctt	gggaatatct	1800
gcctttatct	tcttaatggt	aacggtcacg	gagctgctgg	acgtctccat	ggagctgggc	1860
tgtttctcgg	ctggagcgct	cgtctcctct	cagggccccg	tggtcaccga	ggagatcgcc	1920
acctccatcg	aacccatccg	cgacttcctg	gccatcgttt	tcttcgcctc	catagggtct	1980
cacgtgttcc	ccacgtttgt	ggcgtacgag	ctcacgggtg	tggtgttcc	cacctgtgca	2040
gtgggtggtga	tgaagtttct	cctggcggcg	ctggtcctgt	ctctcattct	gccgaggagc	2100
agccagtaca	tcaagtggat	cgtctctgcg	gggcttgccc	aggtcagcga	gttttccctt	2160
gtcctgggga	gccgggcgcg	aagagcgggc	gtcatctctc	gggaggtgta	cctccttata	2220
ctgagtgtga	ccacgctcag	cctcttgctc	gccccgggtg	tgtggagagc	tgcaatcacg	2280
agggtgtgtg	ccagaccgga	gagacgggtc	agcctctgat	ggctcggaga	tgatggaccg	2340
tggaagggaa	gcgtctgtgg	ggagtgcgag	cttagatggc	cagcagctgc	tccttctggg	2400
aagctcgcac	cttggaaca	gaacagccct	ctagcagagc	gtcagtgcag	tcgtgttatc	2460
ccggctttta	cagaatatct	ttgtcctatt	ttagaatttt	ccggagtagt	ttatttgcag	2520
tctgttgatt	atgtgcagta	gacccgggac	actgcgtttt	accgatcacc	ttgaatgtgg	2580
tgectggatg	tgcccttttt	tttttccctg	aaattattat	aaattttctt	tggggagttc	2640
atcagttcat	agttttttta	gtaaagaagc	aaaattaaaa	ggctttttaa	aatgtacaac	2700
ttcagaatta	taatctgtta	gtcaaataat	tgttattaaa	catttctgta	atatgaagtt	2760
gtaatcctgg	ccgtgagctt	ggaagcttac	ttttgattct	taaagcctat	gttttctaaa	2820
atgagacaaa	tacggatgtc	tatttgcctt	ttattgtaac	ttttaaatga	aataatttca	2880
tgtcaatttc	tattagatat	atcacttaaa	atatttgggt	ttaaatcaca	agaatatgta	2940
ttctttaata	aagataattt	atgatcatgg	tataattaat	tgaaatttat	taaaatctgt	3000
ttttattaat	ttttttgact	tgagcttatc	tttatacaaa	attccagcca	attttttttt	3060
tttactaaga	tgatttctat	attaacatgc	tattctccaa	gacaccaa	taatgcaggg	3120
ttaattgg						3128

<210> 7737

<211> 1820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (395)...(1417)

<223> similar to gi3879803 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7737

ccgggggggtg	gaattcagct	gcgactgcag	ttctgaagcc	taactgggtg	cccgtgccgc	60
ctcggagggtg	aagtgtactg	cgctgattgg	cttcaggcgg	ccggccgcgt	gtgatgtccc	120
gggcaacgat	tggctctcgc	ctaccggggg	cttctctcac	cgggactcgg	gactcccggg	180
aagtggaccg	gcagaagagg	gggctagcta	gctgtctctg	cggaccaggg	agacccccgc	240
gcccccccg	tgtgaggcgg	cctcacaggg	ccgggtgggc	tggcgagccg	acgcggcggc	300
ggaggaggct	gtgaggagt	tgtggaacag	gacccgggac	agaggaacca	tggctccgca	360
gaacctgagc	accttttgcc	tgttgctgct	atacctcatc	ggggcgggtg	ttgccggacg	420
agatttctat	aagatcttgg	gggtgcctcg	aagtgcctct	ataaaggata	ttaaaaaggc	480
ctataggaaa	ctagccctgc	agcttcatcc	cgaccggaac	cctgatgatc	cacaagccca	540
ggagaaattc	caggatctgg	gtgctgctta	tgaggttctg	tcagatagtg	agaaacggaa	600
acagtacgat	acttatgggtg	aagaaggatt	aaaagatggg	catcagagct	cccatggaga	660

catttttttca	cactttctttg	gggatttttgg	tttcatgttt	ggaggaaccc	ctcgtcagca	720
agacagaaat	attccaagag	gaagtgatat	tattgtagat	ctagaagtca	ctttggaaga	780
agtatatgca	ggaaattttg	tggaaagtagt	tagaaacaaa	cctgtggcaa	ggcaggctcc	840
tggcaaacgg	aagtgcatt	gtcggcaaga	gatgcggacc	acccagctgg	gccctgggcg	900
cttccaaatg	acccaggagg	tgggctgcga	cgaatgccct	aatgtcaaac	tagtgaatga	960
agaacgaacg	ctggaagtag	aaatagagcc	tggggtgaga	gacggcatgg	agtaccctt	1020
tattggagaa	ggtgagcctc	acgtggatgg	ggagcctgga	gatttacggt	tccgaatcaa	1080
agttgtcaag	cacccaatat	ttgaaaggag	aggagatgat	ttgtacacaa	atgtgacaat	1140
ctcattagtt	gagtcactgg	ttggctttga	gatggatatt	actcacttgg	atggtcacaa	1200
ggtacatatt	tcccgggata	agatcaccag	gccaggagcg	aagctatgga	agaaagggga	1260
agggctcccc	aactttgaca	acaacaatat	caagggtctt	ttgataatca	cttttgatgt	1320
ggattttcca	aaagaacagt	taacagagga	agcgagagaa	ggtatcaaac	agctactgaa	1380
acaagggtca	gtgcagaagg	tatacaatgg	actgcaagga	tattgagagt	gaataaaatt	1440
ggactttgtt	taaaataagt	gaataagcga	tatttattat	ctgcaagggt	tttttgtgtg	1500
tgtttttgtt	tttattttca	atatgcaagt	taggcttaat	ttttttatct	aatgatcatc	1560
atgaaatgaa	taagagggct	taagaatttg	tccatttgca	ttcggaaaag	aatgaccagc	1620
aaaaggttta	ctaatacctc	tccctttggg	gatttaaatgt	ctgggtgctgc	cgcttgagtt	1680
tcaagaatta	aagctgcaag	aggactccag	gagcaaaaga	aacacaatat	agagggttgg	1740
agttgttagc	aatttcattc	aaaatgccaa	ctggagaagt	ctgtttttta	atacattttg	1800
ttgttatttc	aaaaaaaaaa					1820

<210> 7738

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (876)...(702)

<223> similar to gi3335367 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7738

ctttgcaata	tgaatatata	tttttcaagt	caaaaaagaa	taaaatactt	caatctgtat	60
taatgcaatt	tctctttaa	actttttaa	gttttttaata	tataagagat	atgttacagt	120
ttctttaact	ttaataaagc	tgcagtatcc	tggtttcaca	ggaactcctg	gcccttccac	180
gaacattcaa	aaaggatcca	ctgtgttcta	taataagtat	cataggaacc	caccacacaa	240
ggggaacaca	ctaaacagtc	cacacatccc	atagcactac	tatcatcttc	atcataatta	300
ttactgttca	ttttttccta	ctttaagaaa	atggaaaact	tgtgggggtt	tcttcttttg	360
gaagcttcc	attgaagtaa	agtgtaaaa	ctatcattac	tagaatgtcg	ccgttcctat	420
tatttataga	gcatgcattt	cagggtgttca	ggtttcccag	gctacagtac	tttttatgca	480
gatatcctgg	caaattcctt	tacttaaaaa	ttaaatttta	aaaatgagcg	gatactacag	540
ctttccaagc	tcctctcgga	tctcagagt	ttggtggggc	cgggaaggag	aaggagagg	600
gggggcaccc	agggaggcag	gcgagcgctg	gggaaagagg	atggggagg	gttccccctt	660
cccccagcac	ggtgcgcact	agcagcgccc	gctgccttta	agaaaagatg	cggatggcct	720
gagtgaccgc	ggtgtggcag	accgggcact	cgggctcgct	cttctcacag	atgcgattgg	780
cgactccat	gcagaagagg	ttgtggccac	agggcaccag	cgcggaatc	acttcgctct	840
cgaagcacac	ggagcagtcg	cggtgcctt	tacgccgaag	cccggagaag	gaggatgaag	900
agctggagga	ggagctggac	gaagaggagg	agcacgacgt	gtccgacggc	tgcaagccag	960
gcagctgtgc	ccccagcccc	ttggcataag	cggcgtaggc	caggcctcct	ccaccgggt	1020

cgctgcgcac	ccggcgagcc	aggtggtgct	ctcccccccc	cggggccatg	tgcaagggtg	1080
gagacaggcg	cgggcagctg	gtgccagggt	gcagccggcg	gtgcaccaat	agccccaggt	1140
tggcgttgga	ggggcgactg	gcgccacccc	cggggaagac	cacggaggag	gaagaagcag	1200
acgaagatgc	agaagaagag	caggaagaag	ataccggagc	tgcagggtccg	c	1251

<210> 7739
 <211> 1448
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (314)...(883)
 <223> similar to gi2911264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7739						
ggagacacac	aaagtagacc	ttgggctccc	agagaagaaa	aagaagaata	aagtgggtcaa	60
agaaccagag	actcgatact	cagtttttaa	caatgatgat	tactttgctg	atgtttctcc	120
tttaagagct	acatccccct	ctaagagtgt	ggcccatggg	caggcacctg	agatgcctct	180
agtgaagaaa	aagaagaaga	aaaagaaggg	tgtcagcagc	cctaggaaag	gaagtaaaaa	240
gaagccagtc	aaagttagg	ctccggaata	catccccata	agtgatgacc	ctaaggcctc	300
cgcaaagaaa	aagatgaagt	ccaaaaagaa	ggtagagcag	ccagtcatcg	aggagccagc	360
tctgaaaagg	aagaaaaaga	agaagaggaa	agagagtggg	gtagcaggag	acccttggaa	420
ggaggaaaaca	gacacggact	tagagggtgt	gttggaaaaa	aaaggcaaca	tggatgaggc	480
gcacatagac	caggtgaggc	gaaaggcctt	gcaagaagag	atcgatcgcg	agtcaggcaa	540
aacggaagct	tctgaaacca	ggaagtggac	gggaaccag	tttggccagt	gggatactgc	600
tggtttttag	aacgaggacc	aaaaactgaa	atttctcaga	cttatgggtg	gcttcaaaaa	660
cctgtccccct	tcgttcagcc	gccccgccag	cacgattgca	aggcccaaca	tggccctcgg	720
caagaaggcg	gctgacagcc	tgcagcagaa	tctgcagcgg	gactacgacc	gggccatgag	780
ctggaagtac	agccggggag	ccggcctcgg	cttctccacc	gcccccaaca	agatctttta	840
cattgacagg	aacgcttcca	agtcagtcaa	gctggaagat	taaactctag	agttttgtcc	900
ccccaaaaact	gccacaattg	ctttgattat	tccatttatg	ctggagatta	caaatttttt	960
ttgtgaaaaa	atcagatctt	ggtgaggacc	tcgagcagta	agatataaat	aactcccata	1020
agcttagcgt	tccagtaatg	gaacactagg	cataaatggt	ttattcagtt	gtgcaaata	1080
aagccatctg	acagttggct	cacattgaac	acctgtggag	attaaggacg	aggacaacta	1140
tattgatggg	cttggaatgaa	ctggggcagg	gcagctcata	tttcgggagc	caggagaacg	1200
agtgagtgt	aaaacctcct	gttttctgtg	ttaaacttcc	cgccctgtt	tgagacatca	1260
gtatgtacag	ttaacttttg	ttgagtgttt	agcagggtact	agggacatac	tagtgttttc	1320
cttaatgtat	ttaattctca	taattatgaa	atgggtgcta	ttattagccc	catcttatag	1380
atgaggcaac	tgaggttcag	ggataaagta	ataaaattgc	ctgggggtcac	ccagccact	1440
aaaaaaaa						1448

<210> 7740
 <211> 1404
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1318)...(142)

<223> similar to gi3777604 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7740

tttttttttt	ttaaaaagag	aaacctttat	ttacaacat	gggagtcca	caggagtaca	60
caaaacacac	aatgtgcaca	cacacaaaat	gaacctttta	agtcaatacc	atgcgtgctc	120
ctggccgcgc	gccacccctc	agtgcctat	ccgcaccacc	atcacagtga	cgttgctcggc	180
cgagccccgc	tgcaccgcct	tgttgccag	cctgttgag	gctgcttcgt	agcgggcgtc	240
ggctgcggac	ttcccttccc	gggtctggat	cttttcatcc	tcgagacagg	acaagatgaa	300
gttcacggct	tcttctgggg	taaagacctt	gaagagccca	tcacaggcca	acaaaatgaa	360
cctgtcattg	ggggtcagct	ggcagcgtct	gatgtcgggc	acagagggtga	caccgcagcg	420
cttgactgc	ccgtcccca	tggagcgtga	cacctctagc	acgccccaaa	cacgcccctc	480
cctgacgttt	cctccagcct	tctgtatcct	catccgctct	tcatactgag	ttggattatg	540
ctctttgctg	aggcttaagg	ctgcatgttt	ttgactctcc	tcattataac	gacacaagat	600
tgcccgacta	tctccgaggt	tggcaatata	aagaatgttg	tctacagcca	gaacacacgt	660
ggcagtggac	ccatctttcc	aggcaggctt	ctggctggaa	gcttgtttaa	ggaactcttc	720
atcagtatgc	ttgaaagtgt	ccaaaaggca	tctcttcacg	gttttctcta	cactgattac	780
atctccttta	ggaaattttc	tgattaagtt	ttgatgcaaa	ttctgtgcag	caaattttga	840
ggctcgaatt	cctccatgtc	catcaaaaac	agcaaaatat	gaaacccgag	taatgaggga	900
cgatgggggc	ctacactcct	cgggtgatgtc	gttcaggatg	acgtgggcat	cctgcatctc	960
ctccctctca	cccttcctgt	cagccacata	gcccttcaga	ccaaagatca	ccgaagaggc	1020
tttacaact	ttcttttcca	caagctcttc	actgccattc	ttctcttctc	cggagggtttt	1080
tctctttgct	cctttccctt	cagtctttac	catctgggat	attgatgtgg	caagagaacc	1140
tgaatcgcca	ctgctagcgg	gtgggagatc	atcaaaaagc	aaagggtccc	ctgatcctga	1200
gtcagtactg	ctggccggag	ggagggtcatc	aaagagcagg	ggtcctttct	gagcttcttt	1260
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ggaggctggg	tggaggcggc	agcagcgaca	gacactcagc	ccgcgagcag	cggccggggt	1380
ccacgaaatc	gtcgaccggg	gaat				1404

<210> 7741

<211> 1427

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1337)...(963)

<223> similar to gi537235 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7741

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ccattctttc	ttctaagcac	tggatgagat	actaaaaaca	tacagtatct	taccaatagc	180
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aagaggttca	tctactcctt	gtccttggtg	tattttctcc	ttgttaaatc	ttgtttctcc	1320
atgccggaca	acagtcagag	cgaaagcgagc	catgttccccg	gagccgcgctc	ccgtcgggtg	1380
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<210> 7742

<211> 1438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1225)...(621)

<223> similar to gi3288452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7742

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agcgtggccc	cggaggctca	ggcgtgctca	gtggggccag	ggccaccagc	atgggagtgg	660
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agtgcctctg	cgacccgcac	tttcccgcgt	ctctcccacg	gcctggccct	cccgccgcag		1380
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<210> 7743

<211> 1667

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1138)...(428)

<223> similar to gi5922596 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7743

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gctggatctg	gtctaggcac	gtgtacagct	gaaggatctg	aagggtgttc	acatcccgga	1500
ccactaacgg	gtactggaca	caggaagcca	ggtacttgcc	gtccggggag	aacttgca	1560
gtaagctgga	gagcttgaat	acctcggaga	agttcatggc	cgccgcctgc	cgcgggcgcc	1620

accctgcgcc cgaaaacccg cgggaccctt gggcgcgcac aacagcc

1667

<210> 7744

<211> 5835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5686)...(3346)

<223> similar to gi2224681 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7744

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<210> 7745

<211> 2478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (198)...(1752)

<223> similar to gi35871 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7745

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agggaggcgt	aacagagaac	acgtcctact	acatcttcac	ccagtgcctc	gacggggcct	600
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agaagaaggc	gccgctggcc	aagggcggca	ggaaaaagaa	gaagaagaag	ggttcagacg	960
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cagacgggtc	cagtagctcc	caagaagagc	ctgagagcaa	ggccaaggcg	ccgcagcagg	1080
aggaggggcc	caagggtgtc	gatgagcaga	gcgacagtag	tgaggagagt	gaggaggaga	1140
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agcaattctg	gaaaagttaa	gccatctcct	cctctggccc	ttccttctgg	aatcttcaga	1980
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aaaaaaaaag	tacccaggct	tggggggggg	aaccttgttg	ccccactttt	cccgtaggct	2340
gaggcacaaa	attcacttga	ccctggaagg	gggggggttg	tgtgagctga	caccacccca	2400
ctgcactcca	gcctggggga	cacgtgagac	tttgtctcat	taattaaata	ataataataa	2460
attgctcaga	aaaaaaaa					2478

<210> 7746

<211> 1886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (78)...(1835)

<223> similar to gi3387942 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7746

cacgaggccg	caagctgagt	cctttccgct	cctttgccag	caccgagctc	ttccacttcc	60
atgttcctga	ggacacattc	ctggctgttt	ggaacctcat	catcttcaag	gagcaagggg	120
gaacttttgg	ggaccactgc	ccagacaaaa	gtgtgactgt	gtatttccgg	tccggggcac	180
cccctgtcat	caatcccctg	catacacact	tcccagggga	cacagctgtg	cctggggttt	240
tctcactgac	cctcagctgg	acactgcccc	accgcacctc	aggcatcttt	aacgtcagca	300
gccccttacc	tggggactgg	ttcttggtcg	cccaccttcc	ccaggcccac	ggccacatct	360
ctgtcaaggg	tctccaggat	gagtgtcagt	acctccttca	gccgcagctg	attgtccggc	420
gtttgctgga	cgtcgctgtg	ctggttcctg	gccggccctc	agagcaaacc	ctctccccac	480
acaatcgctc	agccctgtac	aaggtctttg	tgcccagctt	cacttacagg	gtttcagcac	540
agctggtgtg	tgtggggggc	cgtgggggtat	ctgectgccc	cctgtcactg	cgtctgcgtc	600
ccaaagcccc	accctgcac	aactcaagct	ctgtggcctg	tggaggtgcc	tcaggatgcc	660
agctggagct	ggcactgccc	ccctgggggc	actgggtcta	cgtgcgtgtg	gaaacatcat	720
cccggggccc	tggtaggacc	atccgcttcc	agctgtgtgt	gcagttgcaa	gagtggccac	780
agcccggcct	gctccgagcc	ctgggtccctg	gagctgccat	gaacatgcc	cagtccctgg	840
gcaaccagcc	actgccccca	gaaccgccat	cccttggaac	ccctgcggag	gggcctggga	900
ccacgtcccc	acccgagcac	tgctggccag	tgcgcccgac	tctgcgcaac	gagctggaca	960
ccttctctgt	ccacttctac	atcttctttg	gcccagtggt	ggcccttccc	cctgagcgcc	1020
cagccgtgtt	cgccatgagg	ctgttgccag	tgctggacag	tggaggcgtc	ctcagcctgg	1080
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ccggcttcc	cctctctgtc	agtgccacca	ccagggttgc	caggctgcga	atcccatcc	1260
cgagagcggg	gacctgggtc	ctggccctcc	gctccctgtg	cggggtgggg	cctcggttcg	1320
tgcggtgccg	caacgcgacg	gccgaggtgc	ggatgcgcac	cttccctgtc	ccatgcgtgg	1380
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cctgcgagtg	caaggccggg	tggagaggct	ggggctgcac	cgacagtgca	gatgcgctca	1500
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cacctgtggt	cctggccatt	cggagtcat	atgtgctgga	agctgcagtc	tacaccttca	1620

ccatgttctt	ctccacggta	tgcggtggtg	tctgcatctt	atcactgggt	gcttgtgcat	1680
ggtggtgggt	cacagtctgt	atttccacca	cgttctccga	gggtttggga	atgtctgtgc	1740
cttcactgtg	tcttctacag	acagagacag	cagtgcctcc	caaactgtca	tgcatagata	1800
atggtcattt	ttgtaagaca	cattggagta	aatgaacaaa	actgtttgca	acttaataaa	1860
gtaagtttgg	gcctccaaaa	aaaaaa				1886

<210> 7747

<211> 901

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (828)...(470)

<223> similar to gi2706620 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7747

tttttttttt	ttctttacaa	agataatctt	tattcataat	cacaggccac	aggggtgaga	60
cctgagggtt	gggttctgtg	gtgaaggaga	acccctgtcc	tctgtccct	tgccctgggc	120
ctctgctggc	tgaggaggga	caaggtgagg	gggccccat	ggtgctcaga	caaccagagc	180
ctccctggca	gggcaggagt	gtgggtgcca	cagagacaag	ccccttgag	agctgacctg	240
gagccacca	tcccatagc	ctgtgtgagc	atgaagcgag	gacccccggg	tgggctgtgc	300
cctgggcttg	tactgatgc	cagtggaggc	tggcacctgc	ccctctcggc	acctgagaca	360
gtgagggaag	gtagctgctg	ccgtgaagaa	caaagatgct	ctgagcacac	acttgctggg	420
gctgagctga	ggggcacacg	gaggcaggcc	ctgcccgctg	tctggtcagc	tgccctgcc	480
gccgctactt	ttctggtctg	gggctgtagc	cttggtcagg	ttcccagctt	ccctcttgag	540
aacgctgagc	aaagtctggg	agctctccag	gatcttgagg	taggcggcct	ccgtctccgc	600
gatggtccgg	tcgaactcgt	tgcgagaggc	aatcttgctg	gccaggttct	cgttgacgcg	660
ggccagcttc	tctgtcagct	gcctcacctc	attctgcagc	cgctgcttct	cgctctcttc	720
ctctggatc	tgccggcaca	gctcctcccg	cttctggcac	agctcctcta	tgcacttgac	780
cagctcggtg	ttgtagttct	gcagcgccgc	gcctgctggt	gtcatggtca	acgcgcgcgc	840
gggccccacc	accccaaccg	ccgcggaagc	agcgtgctcc	gcgcctgcgc	acgactcccc	900
c						901

<210> 7748

<211> 1340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(1063)

<223> similar to gi5911911 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7748
ctttgaagaa gatgaagaca ggaacttggtg tctaatagca tatccattga aaggggacca      60
tggaattgtg gacattgtag ataattcaga ctgtgaacca aaaagtaagc tcctaagggtg      120
gacaacaaac aaaaaacatc atgtcttaga aacagaaaag acccctaagg actgggtgctg      180
tcagcaccgt aaagaggaga aaatgaagag ccataagtta gaagaagaat ttgagtggct      240
aaagaaatct gaagtcttgt actacactgt agagaagaag gggaaatataa gttcccagct      300
taaacactat aacccttgga gcatgaaatg tcaccagcaa cagttacaga gaatgaagga      360
gaatgcaaag catcggaacc agtacaaatt tatcttactg gaaaacctga cttcccgcga      420
tgagggtgcct tgtgtccttg acctcaagat gggcacacga caacatgggtg atgatgcttc      480
agaggagaag gcagccaacc agatccgaaa atgtcagcag agcacatctg cagtcatttg      540
tgtgcgtgtg tgtggcatgc aggtgtacca agcaggcagt gggcagctca tgttcatgaa      600
caagtaccat ggacggaagc tatcggtgca gggcttcaag gaggcacttt tccagttctt      660
ccacaatggg cggtagctgc gccgtgaact cctgggccct gtgctcaaga agctgactga      720
gctcaaggca gtgttgagc gacaggagtc ctaccgcttc tactcaagct ccctgctggg      780
catttatgat ggcaaggagc ggcccgaagt ggtcctggac tcagatgctg aggatttgga      840
ggacctgtca gaggaatcag ctgatgagtc tgctgggtgcc tatgcctaca aaccatcgg      900
cgccagctct gtagatgtgc gcatgatcga ctttgcacac accacctgca ggctgtatgg      960
cgaggacacc gtggtgcatg agggccagga tgctggctat atcttcgggc tccagagcct     1020
gatagacatt gtcacagaga taagtgaagg gagtggggag tgagcttgct agctgctcca     1080
gtacttgaga gcgactctgt gtcccaggca cagctgtgct gcgtcaggga ggaagccagt     1140
atggccagggt ggtggctcct gcagcctgga gctgatgtgc agtggcctct gtgagcccca     1200
gcctgagcca gtcccagctg tgcttgagtg ctttatattt tttaactatt ttcttcaaac     1260
attccacatt tggatggatg atacctcttt cttccctgag tgtatatgtt ctaatacaaa     1320
tctttttgtt tattgtaaaa                                1340

```

```

<210> 7749
<211> 3203
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2869)...(1061)
<223> similar to gi297408 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7749
tttttttttt ttcaattttt tttggaaggg caagacagcc attaaagaac aatacagctc      60
agaggggaagg gagatacagc aaacaattac acaaacgcag tatgcacgct ccttgccgac      120
agggctgccc agtatgcacg ctccctgccc acagggtgct ccagacggca aacctcttca      180
tggaacatcat gttaaaaataa aaggacttgg cctgcattcc ccaggagagc cccctattcc      240
actgtagaca gctctcctca cgaatttttt gaaagaaccc aaggactccc ctttctggta      300
gtcgaaacct gtgcattcct tggtgacctc cggagagaga acatggggccg gcagtgggga      360
cagagggcac cgggactctg ctgggtgtag tgcttcacat tcagaaccgc ctggatgctt      420
tgcatagtta cctctgatat cacaagatgc gtcaggaaga gaaacgacac gcacaccatg      480
agggaggcag ccctcaagca gcgattcctt ttcaaagaaa gaccagggg cttctccctt      540
ctcattcag agctgacagc tatgagcttt aaccgggttc aaagtggaag acaaagtgaag      600

```

agatatctca	taaaaatttc	ggccagaaca	aaaaaaaaaa	gtaaaattaa	ttttccttaa	660
agacaactag	aaagaaaagg	gtccccccaa	cccacctttt	tttttttttt	acttgaaatc	720
tgccagccag	acaggatttc	tgaggttaat	ctgcttctgt	taatcctcaa	tttaagcctt	780
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gcttcaggaa	accaaccaaa	tgcagaagca	gagaacttaa	atattgtaaa	taagttaact	900
gggcatgaaa	atacaatgcc	ttggtgttca	ggtggtgaca	actgctcttt	aagaggggac	960
aagaaattgg	ggggtagggg	acacatggga	aaaaaccaca	catttttttg	tcatgagaaa	1020
ttggacttta	aatccgcgcc	ctgcacacgc	aattcattta	gaccttttcg	tgaatcttct	1080
ccactttcac	aaacaacctt	tccagatcat	tcctcaggtc	atctagtaaa	cccttggtctg	1140
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cagtcttgag	cattttcaag	tccgcctcca	cttggtctgac	tgaggctttc	aggttgctta	1260
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ccaggcgccc	ctgcaggggc	gccaggcgct	gctcgtgctc	ctggctcttg	gacaggaggg	1560
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gctgctcctg	cttgaggctc	accagctcgc	ggacctcggt	gtagatgtca	gactccatag	1920
tctgaagggt	acttctcagg	gcctccatgt	cccactctct	ggacttggct	gaggtctgta	1980
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tgaagatggc	gatgttgctg	ttgatggatt	tggtagctc	cgtcagccgc	tcctccaccg	2160
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tggagccctt	ttgtttggcc	gagggcatgg	cgggcgcggc	ggcggtcggg	gccgcgggct	3120
gggatccatg	tggtagaagg	cgccggggag	cgggacttca	cgtccctgga	gaacacggtg	3180
gaggagcggc	tgacggagct	cac				3203

<210> 7750
 <211> 3138
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (912)...(1905)

<223> similar to gi2565048 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7750
gcggccgcgg ctcccagagct cctcggggctc tgggtcccgg cgccccctcgg gccgcgagtc      60
ccacgcgcca cccccggggcg ccctcgacgg tggatctagc ggcgggcgagg aggcgggtcc      120
cggccccggc gaaccccgagt cccggcccccc ggccccgggc ccagcttcgg catggatgtg      180
aggttctacc ccgcggcgggc cggggaccct gccagcctgg acttcgcgca gtgcctgggg      240
tactacggct acagcaagtt tggaaataat aataactata tgaatatggc tgaggcgaac      300
aatgcgttct tcgctgccag tgagcagaca ttccacacac caagccttgg ggacgaggaa      360
ttcgaaattc caccaatcac gcctcctcca gagttagacc ctgccctagg catgccgat      420
gtactgctac cctttcaagc cctcagcgat ccattgcctt cccagggaag tgaattcaca      480
ccccagtttc cccctcaaag cctggacctc ccttcatta caatctcaag aaatctcgtg      540
gaacaagatg gcgtgcttca tagcagtggg ttgcatatgg atcagagcca cacacaagtg      600
tcccagtacc ggagcatcc ctccctgatc atgcggtcca tegtccacat gacctgatgc      660
tgcgcgttct ggggtcatgc ctctgcccga gctcaccacc atcaaccagt ctcagctcag      720
cgccagtttg ggggtgaatt tgggaggtgc cagtatgcct cacacatctc cttcacctcc      780
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aagccaacag agccattgga gagaaaagag ctgctccaga ctctggcaag aagcccaaga      900
ctccaaagac aaagcaacag aaagatccca atgagccaca gaagccagtg tcagcatatg      960
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gagaggtctc acaaattgta gcatctatgt gggacagcct tggagaagaa caaaagcagg     1080
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tcgctcccaa acccttaacc atgagactcc ccatgaacca gattgtcaca tcagtcacca     1380
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tggttggctc agcacctcc acccaagtga gtccttcggg gcaaacccag cagcatcaga     1500
tgcaattgca gcagcagcag cagcagcaac aacaacagat gcaacagatg cagcagcagc     1560
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gtatttttgc	taactaaaac	aaaaatgctt	ttatcttgct	atagaataaa	cacatttcag	3060
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<210> 7751
 <211> 2629
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (134)...(2631)
 <223> similar to gi3540161 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7751						
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<210> 7752

<211> 2265

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (187)...(934)

<223> similar to gi2633977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7752

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gtggcgcgct	ggttccccgg	ccacatggcc	aaggggctga	agaagatgca	gagcagcctg	240
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aatgtcattt	ttaccaactg	tgtaaaggat	gaaaatgtca	agcagatcat	cccgatggtc	480
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<210> 7753

<211> 7153

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(4946)

<223> similar to gi3327042 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7753

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a a g a g g a a a a	a a g t c a a g a t	g a a g c g g g a a	a a g g c c t c c t	c g t c g g g c a a	g c g c c a g t c t	1680
t c c c g c a c c g	t g g a c t c g g a	c c c c a c c g t g	c t c a g c a t c g	g a g g c a g c a a	g c c c g a g g a c	1740
a t g t g t g g t	t c c a c c g c g c	a c t c a c c c t g	c t c a t c a t c c	t c c g c c a c c t	c a c c a g g a a g	1800
g a c c c a c a g g	g g c t g g g c g t	g a c g a g t g a c	g c c a t c g c c g	a t g c c t g c c a	g g c c c t g g t g	1860
g g c c c c a c c g	c c c a c a g c c g	c t t g c t g g t g	a t c t c c g g g a	t c c c c a c c c a	c c t g g a c g a g	1920
g g c g t a g t c a	g a g g c g c c a t	c c g c a a g g c c	t g c a a c g c c c	a c g g c g g g g t	c t t c a a a g a c	1980
g a g a t c t a c a	t c c c g c t g c a	g g a a g a a g a c	a c c a a g a a g c	c a a a a g a c a a	g g c c g a g g g c	2040
g g g g a c g g g a	a a g t t g a g c c	c g a g a a g a c a	c t g g c c t t c c	c c g g c a c a g a	c a g c a t g g a g	2100
g t c a g c a c g t	c c a g c a g c c t	g a c c c c c g c c	a t g a g c a t c a	g c g c c t c c g c	c t c c a c c a g c	2160
c a g g c c t c c a	t c t g c a g c t c	g c a g g g c a t c	t c c c a a a c c g	t c a g c g a c c t	c t c t g t g g a t	2220
c c g c t g c c t g	c c g g c c t c g a	g c t g c c c a t c	c e t c c g g g c c	t g t t g g a g c c	c c a c g c g g t g	2280
t c c a g c c a g g	a a a g c c t g g a	c a t t t c c c t g	t g c a g c a c c g	g c a g c c t g g g	c a g c c t g g g c	2340
a g c c t g g g g g	a g c c c c t g g a	c a a t g c a g a g	a c g g c c t c g g	t g t c g g a c a t	g g g c t c c a t g	2400
t a c a c a g t c a	c t t c c c t g g a	c a a c c a g c c c	c t c g c c g c c c	g c c c c a t c a a	a g g c t t c g c a	2460
g t c g t g g a g a	t a a g a t c c c g	a g c c a a a a t t	g a g a a a a t t c	g a g c a a g t t t	a t t t a a c a a t	2520
a a t g a c t t g a	t t g g t t t g t c	a a g t t t g g a t	g g t g a a g a t g	a a t t g a t g g a	a a t g t c a a c a	2580
g a a g a g a t t c	t a a c c g t g t c	t g t a g t a a a t	c a g a g t c t c t	t t g a t a c t c a	a g g g a g c c c a	2640
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a c a c c a g c g a	a g c c c a t c a g	a g t c t c t g a c	a t t t a t c t t a	g c a a a g a g c a	g a t c a a c t c c	2820
c a g a c c c c a g	g c a a c c t c c t	c c a c c t c t t c	t t c a c c a a t g	t c c g g c c g c c	a a a a a a g g t g	2880
c t g g a g g a t c	a g c t c a c c c a	g a t c c t g a g g	a a g t a t g g c g	t g c c a a a g c c	c a a g t t t g a c	2940
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a c g c t g g a a g	g a t t t c a c a a	a t t t g t t a t t	g a c c g a g c c a	g g c a a g a t a t	c c g t a g c g t c	3240
t g g a g g g c g a	t c t t g t c c t g	t g g t t a c g a t	c t t c a c t t t g	a g a g g t g c g c	a t g c a t c g a t	3300
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c a g t a c a t c a	a c c a g c t a t g	c c g c c a c c t c	g c c a t c a c a c	c c g c a c g g c t	c c a t c c c c a t	3420
g a g g t g t a c c	t g g a c c c c g c	g g a t g c t g c t	g a c c c c a g a g	t g g c c t g t c t	c c t g a a c g t g	3480
c c c a t c g a g a	g c c t g c g c c t	g c g c t t c g c c	t t g c t g c a g t	c c c t c a a c a c	c a c a c t g g a g	3540
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g a c c c a c t g g	a a a t t g t g g g	a g g g g a a a t c	a g a g c t t c t g	a a a a c t c c t a	c t t c t g t c a g	3780
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g g t g a c c c c a	c a t a t g c c t t	c a a c a t c c g c	t t c a c t g g c g	a g g a g g t c c a	t g g c a c c a g c	3900
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c t g c t g c t g c	t g t g c c c c a g	c t c a g c t g t c	a a t a a g a a c a	a g g g c a a g t a	t a t c c t g a c c	4020
c c g a g c c c c a	t c a c c t a c g g	g g a g g a g c a g	c t g c t g c a c t	t c c t g g g g c a	g c t g c t g g g g	4080
a t t g c a a t t c	g g g c a g a c g t	c c c g c t g c c c	c t g g a c c t c c	t g c c c t c c t t	c t g g a a g a c g	4140
c t g g t g g g c g	a g c c c t t g g a	c c c t g a g c a a	g a c c t g c a g g	a a g c g g a t a t	c c t c a c c t a c	4200
a a t t a c g t c a	a g a a g t t t g a	g a g c a t c a a t	g a t g a g a c c g	a g c t g g a g g c	c c t g t g c g c t	4260
g a g a t c g c c t	c c c a g c a c c t	g g c c a c g g a g	a g c c c t g a c a	g c c c c a a c a a	g c c c t g c t g c	4320
a g g t t c a c c t	a c c t g a c c a t	g a c g g g c g a g	g a g g t g g a g c	t g t g c a g c c g	g g g c c g g c a c	4380
a t c c t t g t g g	c g t g g g a g a a	c a a g g a c a t c	t a c g c g g c a g	c c a t c c g g a g	c c t g c g g c t g	4440
c g g g a g c t g c	a g a a t g t g g a	g t g c g t g a c g	g c c g t g c g g g	c c g g c c t g g g	c t c c a t c a t c	4500
c c c c t g c a g c	t g c t g a c c a t	g c t c a g c c c a	c t g g a g a t g g	a g c t g c g c a c	c t g c g g c c t c	4560
c c c t a c a t c a	a c c t c g a g t t	c c t c a a g g c c	c a c a c c a t g t	a c c a a g t g g g	g c t g a t g g a g	4620
a c g g a c c a g c	a c a t c g a g t t	c t t c t g g g g g	g c c c t g g a g a	t g t t c a c c c a	g g a g g a g c t g	4680
t g c a a g t t c a	t c a a g t t t g c	c t g c a a c c a g	g a g c g c a t c c	c g t t c a c c t g	c c c c t g c a a a	4740
g a t g g g g g t c	c c g a c a c t g c	c c a t g t g c c c	c c g t a c c c c a	t g a a g a t c g c	c c c c c c a g a t	4800
g g c a c a g c a g	g t t c c c c a g a	c t c t c g c t a c	a t c c g c g t g g	a g a c c t g c a t	g t t c a t g a t c	4860
a a g c t t c c c c	a g t a c t c c t c	t c t g g a a a t c	a t g c t g g a g a	a a c t t c g t t g	t g c c a t t c a c	4920
t a c c g t g a a g	a c c c c c t c a g	t g g c t g a t g g	g a g g g a g c c c	c a g a a t t a g g	c t g t c a c t g a	4980

ggcaccact	ctgctggtt	gggaagccac	cactgcggcc	cgcccccca	gggccctgcg	5040
tgaggagt	gcaacatttt	gcttttccaa	actttcgccc	acattccagg	gcctcctgga	5100
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ctggccagcc	ccaccagca	ctccccatca	ccccatgtaa	gtgtgtatgc	cagggctgag	6060
ctgcctccag	gctcaccac	tgcatctttg	ccccaaatag	gtctttgtcc	agtggtaact	6120
tgttcatgag	cagcacaggc	catcttgttg	gacactgtca	ctttgggcct	tgccaggtct	6180
cacagaatca	catcgctgta	tttattgtat	aatattgtga	atattggaag	ttttgagtga	6240
gtgctgtcta	gaaggttttg	gagtgtggat	gctggtccaa	gaaagaagat	gtgccttggc	6300
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gacctaggtg	taatcatgac	agctgcatca	gttgatttgg	atgcaagtca	actctggagg	6480
tgagtgcctg	caagcagttc	ccctgctttg	aaagaagatg	gtcagcccg	tgctcccca	6540
gcggccacag	ctcctttgag	tgtgggggtg	cacagccagg	atgtattcct	gacaataagg	6600
atccttttat	tttcatttct	gcataatgaa	agagcctttc	gattttattag	aagtggtttt	6660
tcctccctac	atcttttaaa	tcttggttct	ctttagtctc	catcccttga	atggacttgt	6720
cagctacctc	cccaggagga	gttcagaagc	ttctgttggc	catcacttga	gtagatgaca	6780
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agatccaaac	cttgccctta	aaaaatgtgt	gctgtaaagt	tacttgatgt	atatttatta	6900
taattattta	tggttgcat	taacaaactt	ttcattcaat	ctgatgctat	ttacaccatg	6960
ctgtgtaaag	gaagctcact	aaaggaaaaa	agtcacacca	ataaataacc	ttcatcta	7020
tttgatttac	cttaaaagtt	gtgtgaacac	ctacccttgc	tgagcaagtt	caaaggctgg	7080
catgcttgg	tggtctgat	atttaagtgc	tgccaagtgg	ctaggaatta	aagtgtttct	7140
aattattatg	gtc					7153

<210> 7754

<211> 2966

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2967)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (15)...(1661)

<223> similar to gi5001689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7754

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tccctgccat	cttcctggct	gccgtgectg	cccaccgatg	tgccctgccg	ggtgcccctg	180
ccaacttcag	ccatcaggat	gtgtggctgg	aggcccatct	tccccgggag	cctgatggca	240
cgctcagctc	ctgcctccgc	tttgccctatc	cccaggctct	ccccaacacc	acgttggggg	300
aagaaaggca	gagccgtggg	gagctggagg	atgaacctgc	cacagtgcc	tgctctcagg	360
gctgggagta	cgaccactca	gaattctcct	ctaccattgc	aactgagtc	cagtgggatc	420
tggtgtgtga	gcagaaaggt	ctgaacagag	ctgcgtccac	tttcttcttc	gccgggtgtgc	480
tggtgggggc	tgtggccttt	ggatatctgt	ccgacagggt	tgggcgggcg	cgtctgctgc	540
tggtagccta	cgtgagtacc	ctgggtgctg	gcctggcatc	tgacgcctcc	gtcagctatg	600
taatgtttgc	catcacccgc	acccttactg	gctcagccct	ggctggtttt	accatcatcg	660
tgatgccact	ggagctggag	tggtctggatg	tggagcaccc	caccgtggct	ggagtccctga	720
gcagcacctt	ctggacaggg	ggcgtgatgc	tgctggcact	ggttgggtac	ctgatacggg	780
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cgttcggcac	tagactgcta	gtgtcctccg	atatgaagtc	ctggagcact	gtcctggcag	1320
tgatggggaa	agctttttct	gaagctgcct	tcaccactgc	ctacctgttc	acttcagagt	1380
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gctgggcacc	cctctcacgg	ttggggagga	ttctgtaaat	aaaggtgcc	cttgggttgg	1920
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ctctgataaa	accttcacca	ttaacttgct	gtgtgaacct	tgggcatgtg	gctttccctt	2040
ctctgggcct	cagtctgttc	atcctcccca	aatggataaa	tgaaaacctc	ttgggaggcc	2100
cttacaatag	gatctgttgc	catgctcaaa	atgaagttac	ctgaaataag	gtgcttctctg	2160
cttctccta	gagatgggtg	cctaaagaaa	ggacttagca	tatgagactt	ctgggtacct	2220
aatggggctg	ggtgggcatg	cttgtccact	tgtgtggtgc	ttaggacttg	ccaatgcccc	2280
ggcccaagg	acaaaaagaa	cagagctttt	tgttctcatg	ggctggggcc	tgctacctcc	2340
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aaccactgg	gtctcatgcc	caaaagaaga	agttgaaggc	atggggagcc	aacattttat	2460
ttgaaggaa	ccacagaggc	ttgaaatttc	aattaaaaca	caaagtttta	tgagtacctt	2520
gaagctccag	aatgtgctgg	ggaaaggggt	tgtgatggcc	aggaggagga	tacccttcaa	2580
aacgggctgt	tccctaacca	gatagaaatg	ggaaagggaa	aaaattggca	gagaaagtct	2640
agactctctg	gcctaccatg	gagcctaggc	ccaggccccc	aagatccac	cttccccaac	2700
ccccatggga	ctggagattt	ttgtagcttc	cattggacca	tgaggggcat	gatgggaggc	2760
ctgagttagg	gtgacctttt	ttgtgagcgt	ctcatttgaa	ttttatcttc	actggggtca	2820
tagatgtagc	agccacatc	gccaatgttc	acacctttgg	ggacaaacag	gtagccgtag	2880
cangggacgt	ggcagtaggg	gactccatca	tgctcagcat	gacttccagc	agtcagggtc	2940
ttgtggcaac	gcttgcacct	cagaca				2966

<210> 7755
 <211> 970
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (835)...(468)
 <223> similar to gil685102 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7755
 tttttttttt ttcattcttcc attatttttat ttttttttat acatatatat atatgcgag 60
 atctgtttta tgtacaacaa ttggttctat caaatattca gaccaaggca ttctactgg 120
 aatttcccc caaatcaatt caggtaaaat tagatactta tgcacttcac gggctatcaa 180
 aacttgcaac ttcattatca atttcagttc tgaggtcata cacacaattc aaaatataca 240
 ttaactaggt taaggcgata aaagtgggct gaaagaaacc acaggattca gaacaatgaa 300
 actgtgtatt ttgcttgcag gagagtcata acgtgaacag caagtattgt gcgtatctca 360
 tagctcttca gtggagagga agcggcttct gaacatctaa ggtgactgca cagcagggtg 420
 gaaacagctg gtgtggcctg ctggaggctt cgccgaggga gggctcattt cttctctgcc 480
 tctccttttt tgggttcttg tttcaatttg taatcagcca gggcggcctt gattgcatct 540
 tcagccagca tggagcagtg cagtttcacg ggaggaaggc agagctcctt ggcgatatct 600
 gtgtttttga tagtcaaggc ttctctccacc gtctttcctt tcacccattc agtgggcta 660
 gagctggagg caattgcgga accacagcca aatgttttaa acctagcatc cacaatcttc 720
 cctttttcat ccacttgaat ctgtaatttc attacgtcac cacatgctgg agccccacc 780
 agtccagttc caacattttt agatgtcttg tcaagggacc ccacgtttct aggatcttca 840
 taatgatcaa caaccttctt gtgatagagt cgggcccggg ccgacagctc ccgggcccggc 900
 aggcgggggc tccgcagcag cagagccgat gccaccgcc tcagacggcc agccccagcc 960
 gccgccatct 970

<210> 7756
 <211> 1619
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1463)...(381)
 <223> similar to gi3114828 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7756
 tttttttttt ttgccattaa gggcctttta ttctgtattca tcacatcgga gatcatctct 60
 tcctaggaag cttttaaaaa aatccccagg ttggattagg gcactccctc tgggtccctg 120

gcaatttcct	ccagggttagg	gatcccaagg	ggtcgctgcc	ttcctgggtc	tctcggcctg	180
gcccttgggg	atctacagtc	atcaagaagt	gctgggggga	agtgagctct	ttatttagac	240
atagctctgc	tgagtggaaa	gtgggcacca	gccccattaa	tgcttgctgg	ctgggtggctt	300
ccaagcacgc	cccactgcca	aggctcagct	ctgcagttct	gccactgcag	gtccctagca	360
cagccccag	ggctcctaaa	agtcatcatc	atcacagatg	tcaaggtaca	cgtcgaaagc	420
ctctctgttg	cagtttccat	caggagtga	gacatatctg	tggaagggtcc	catctacgca	480
gatggcaatg	acagagttga	cgttccttga	agtattgcga	ccgaaggcgc	agatgcaagc	540
tgactcagca	ggcacagtga	agctcgccag	gctccactga	gagtccacgt	actgccaat	600
cataggcccc	accttgcccc	cgcgagccag	cgcggagcgg	cggttgaggc	gggtatcctt	660
gagagcaaag	atatggacag	tacccttatc	actggaagcg	cagaggaagg	aggagtcgtg	720
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ctccttggtg	tgtgtgtcaa	agaggcgaat	aagggtacct	ttctgggagg	ctgaggccac	840
tacagtgcct	ggctgggtta	gagacacaca	ggctatgtca	ctctgatgtg	cattgatcgt	900
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acacttggtg	cccgggaaca	ctagcagttg	cttctccagg	ctggggcaga	ggtcacagag	1020
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gtacacatag	atgcggttct	tcagcacgat	cacgatcttg	tcattggcga	tgcgacaga	1140
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ctccatggcg	cagcaaaaagc	agctttggtc	ttggttgaaa	cgcaggctgg	tcactcctcg	1440
aagtggctgt	tgagtcattg	tgcaggattg	ttcctcctgg	gatcgtgctc	cagcttctcg	1500
ccgccttcac	cggcctgacc	tccgcgtgtc	cctgaccggg	gccccagctg	tcggtgccgc	1560
ccgcggcccc	gttttctgac	ctcccggggc	ttggagcccc	gctcgggtgt	ttacatcag	1619

<210> 7757

<211> 1979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (269)...(1585)

<223> similar to gi3212997 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7757

cccacgcgtc	cgggcggctg	acgtggccgc	tggagctcag	gcggtgggtt	cggctgggat	60
ggcgaagagc	aacggagaga	atgggccgcg	cgcgcccgcg	gccggggaaa	gcctgtcggg	120
aaccggggag	agcctggccc	agggccccga	cgccgcaacc	accgacgaac	tcagctctct	180
cgggtctgac	tcggaggcca	acggcttcgc	cgagcgccgc	atcgacaagt	tcggcttcat	240
cgtgggctcg	cagggcgccg	agggcgcgct	ggaggaagta	cccctggagg	tgctgaggca	300
gagggagtcc	aagtggctgg	acatgctcaa	caactgggac	aaatggatgg	ccaagaagca	360
caaaaagatt	cgtctgcggt	gccaaaaggg	catcccgcct	tctctgcggg	gccgtgcttg	420
gcagtacctg	tcaggaggca	aggtgaagtt	acagcagaac	cctggaaagt	ttgacgagct	480
ggacatgtcc	cctggggacc	caaagtggct	ggacgtgatt	gagcgtgacc	tgaccgggca	540
gttcccattc	catgaaatgt	ttgtgtcccc	ggggggccac	ggccagcagg	acctattccg	600
tgtgctgaag	gcctacacgc	tgtaccggcc	cgaggagggc	tactgccagg	cccaggcgcc	660
cattgccgct	gtcttgctca	tgcatatgcc	tgctgagcaa	gccttctggt	gcctggtaca	720

gatctgtgag	aagtacctgc	ccggctacta	cagcgagaaa	ctggaggcga	tccagctgga	780
cggggagatc	cttttctcgc	tggtgcagaa	ggtgtcgccg	gtggccca	agcacctcag	840
ccgtcagaag	atcgaccgc	tcctttatat	gacagaatgg	ttcatgtgcg	ccttctcccg	900
aaccttgccc	tggagctctg	tgctgcgtgt	ctgggacatg	ttcttctgtg	aaggggtcaa	960
gatcatcttc	cggggtggggc	tggtgctgct	gaagcacgcg	ctgggctccc	ctgagaagggt	1020
caaagcctgc	cagggccagt	acgagaccat	cgagcgactg	cggagcctca	gccccaaagat	1080
catgcaggag	gcctttctgg	tccaggagggt	ggtggagttg	cccgtgacag	agcgccagat	1140
tgagcgcgaa	cacctcattc	agctgcggcg	ctggcaggag	acccgggggtg	agctgcagtg	1200
ccgctccccg	cccaggctgc	atggtgcca	ggctatcttg	gatgcagaac	ctgggtccccg	1260
gcctgcccta	caaccttcac	catccatccg	cctgcccccta	gatgcccccc	tccctggctc	1320
caaagccaag	cccaagccac	ccaagcaggc	ccagaaggag	cagcggaaac	agatgaagggt	1380
gagagggcag	ctggagaagc	ccccagcccc	aaatcaagcc	atggtgggtg	ccgctgcagg	1440
agatgcatgt	ccccacagc	atgtgcccc	gaaggactca	gcccccaagg	actcagcccc	1500
tcaggatttg	gctccccagg	tctcagccca	ccaccgctcc	caggagagct	tgacgtccca	1560
agagagttag	gacacctact	tgtaaccctg	gcagctaagg	cctccagggc	ggggtctcca	1620
tataactaca	cggttcatga	actgacattc	cacatcctgc	ccaccctctg	agggccaagc	1680
tgcttgcca	ctgggctggg	ctggagtctg	gctgggtcca	cacagattct	gcctgggtcca	1740
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agccagggca	ggcagaagct	agggcctggg	gggtggggcc	tccttcagcc	ccctcctcct	1860
gggggatgct	ccccagggtt	aggggtgctg	tgtgagggga	aaggggtggg	tggtctttgt	1920
gtaaaataga	aacatgggtt	tgtacagaaa	taaacagcct	tgtatagaga	aaaaaaaa	1979

<210> 7758

<211> 1618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(1222)

<223> similar to gi3724105 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7758

agcttacctg	cttttccatt	acctgttcca	gcaccatgtc	ttacagttgt	tgctgcca	60
gcctgggctg	ccgcaccagc	tgctcctccc	ggcctgctg	gccccccagc	tgccacggct	120
acaccttgcc	tggggcctgc	aacatccccg	ccaatgtgag	caactgcaac	tggttctgtg	180
agggctcctt	caatggcagc	gagaaggaga	ctatgcagtt	cctgaacgac	cgcttgcca	240
gctacctgga	gaaggtgctg	cagctggagc	gggacaacgc	ggagctggag	aaactcatcc	300
aggagcggtc	ccagcagcag	gagcccttgc	tgtgccccag	ctaccagtcc	tacttcaaga	360
ccattgagga	gctccagcag	aagattctgt	gtgccaaggc	tgagaatgcc	aggctgggtg	420
tgaacattga	caatgccaag	ctggcctctg	acgacttcag	aagcaggtag	cagacggagc	480
agtcctctgag	gctgttggtg	gagtcggaca	tcaacagcat	acgcaggatc	ctggatgagc	540
tgaccctctg	caagtctgac	ctggagtccc	aggtggagtc	cctgagggag	gagctgatct	600
gcttgaagaa	gaaccatgag	gaggagggtta	acaccctgcg	ctcccagctt	ggagaccgcc	660
tcaacgtgga	ggtggacact	gccccactg	tggacctgaa	ccaggtcctg	aacgagacca	720
ggagtcagta	tgaggctctg	gtggaaacta	accgcaggga	agtggagcaa	tggttcgcca	780
cgagaccga	ggagctgaac	aagcagggtg	tatccagctc	agagcagctg	cagtctgcc	840
aggcggagat	catcgagctg	agacgcacag	tcaacgcctt	ggagatcgag	ctgcaggccc	900
agcacaacct	gcgagactct	ctggaaaaca	cgctgacgga	gagcgaggcc	cactacagct	960

cccagctgtc	ccaggtgcag	agcctgatca	ccaacgtgga	gtctcagctg	gcagagatcc	1020
gctgtgacct	ggagcggcag	aaccaggagt	accaggtgct	gctggacgtg	cgtgcccggc	1080
tggagtgtga	gatcaacacg	taccggagcc	tcctggagag	tgaggactgc	aagctcccct	1140
gcaacccatg	cgccaccacc	aatgctagtg	gcaactcctg	tggaccctgt	ggcacctctc	1200
aaaagggttg	ctgtaattga	aaagcttgta	tcctctttga	agacatctac	aaagccattt	1260
agatcaacca	caggaaggat	cctcaagtcc	tgacttttct	ggagctcagc	tgacatcaag	1320
aaacctcatc	ttgcctctat	gttattttcta	gaatgctgaa	aagctttcct	gacccaagca	1380
aagacacaca	tcacaaactt	ccaatgtctg	gacaactcct	tcctgttgag	ggtcgagcct	1440
gtttgtttct	aaagatgttc	agctccctgt	aatctgagct	cccagttact	acttaagggtg	1500
tttctgaac	cgtactactg	catttcctgt	tttccttttt	tctttggcat	tctctggaat	1560
gcaaggagga	gacttcattt	acttcccaat	aaacttcatt	tctctggcat	aaaaaaaa	1618

<210> 7759

<211> 955

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(956)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (775)...(333)

<223> similar to gi5381319 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7759

tttttttttt	ttcaacatta	aatgactatt	tattttttcag	gtttaaaaga	tttcaaaata	60
catatgtaca	agataaataa	actcccaaaa	aattatgtca	tcaaataatat	ttaaaaaaaa	120
aattcaagggt	aggcaactta	gatcaccttg	gcaaagaaca	cattaactaa	gatgaaccag	180
ggacaagttcc	cctaaacatc	aggatgaaat	ttctttttcta	tgctacttag	ctgactggcc	240
ttcctttttct	gtgttgagtt	gtgtactctg	gagtcaccag	cctctggtag	attatcaagc	300
atctcttcct	catcagcctt	ttgtttctgt	cttgcagtct	tctctgtcca	ctgtctggca	360
ttcttgagga	aggctggctt	attatattta	aattctgagg	atatgtcagc	catgagcggg	420
tcacaggggt	tgggttctga	catgagcagc	tgaatagagg	tcaacacagt	tgcgatgttg	480
agggatggtc	tccaagcacc	ttttgggtggc	aatttgagaa	catccagaca	aatccttcca	540
gcagaatcaa	tgtttggtatg	ataaattgga	gtgagaaatc	ggatctgagg	aggttcaaat	600
gggtacctct	caggaatgat	aacttctagc	ttaaaaacac	ctttctcata	aggtgtgttg	660
gctccaccta	atatttgagc	tcgcagggtca	tccatttggt	ctttatcttg	ccaacatgtg	720
atgcctgggg	gtggctctgt	ggctaacatg	tgcagctctc	tcttcagacg	tgaagctctc	780
tgcatgatcc	ccaagtagaa	ggaaccacac	acagttcact	gctccacact	aagagctgcc	840
tgggatgcac	tgagctgaca	cccctcacia	cgcagcaacg	cgcggaccaa	cggggtacca	900
gcgcctgcgc	gacctctacg	aattccacca	cactgactat	gactcgaann	cccgc	955

```

<210> 7760
<211> 1031
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (103)...(432)
<223> similar to gi2388999 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7760
ccccgggccga cccacgcgctc cgcggacgcg tgggcggacg cgtgggctca gcccacatg      60
gcgatgcaca acaaggcggc gccgccgag atccccgaca cccggcggga gctggcggag      120
ctcgtgaagc ggaagcagga gctggcggaa acattggcaa atttgagcgc acagatctat      180
gcttttgagg gaagctacct ggaagacact cagatgtatg gcaatattat tcgtggctgg      240
gatcggtatc tgaccaacca aaaaaactcc aatagcaaaa atgacgaag gaaccggaag      300
ttaaaggaag ctgagcggct cttcagtaaa tcctcgggta cctcagcagc tgcagtaagt      360
gcattggcag gagttcagga ccagctcatt gaaaagaggg agccaggaag tgggacggaa      420
agtgcactt ctccagactt ccacaatcag gaaaatgagc ccagccagga ggaccctgag      480
gatctggatg gatctgtgca gggagtgaag cctcagaagg ctgcttcttc tacttcctca      540
gggagtcacc acagcagcca taaaaagcga aagaataaaa accggcacag cccgtctggc      600
atgtttgatt atgactttga gattgatctg aagttaaaca aaaaaccacg agctgactat      660
tagaagacac attagtgtcca gaagccttcc aggctgtaga gccctgcttc ccttctctga      720
cctcaciaaag ataaacatcc ttcacctgag ttctgtggcca tccacctctg ctctcccaga      780
cccagtgcct gtgactttga gtagtttgtt ctaaatgtgg tgacaaacaa gtcatttctg      840
taagacattg ggtcttactt tatgtcattt ttagtaacag aactgcagga agatcaagac      900
aatgttgtaa tcccggcaag ttgctaactg tgcgtttctc ctttcttaga atgaatgtct      960
ccccaaaac tggctggcac cagcttcac tgtgataccc ttcaagaaat gttctctggg      1020
tttgttttat g                                     1031

```

```

<210> 7761
<211> 1516
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (741)...(509)
<223> similar to gi6684 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7761
tttttttttt ttagaggaga ctgaaaaaga taatttattc catcagaggc atcacaatta      60
cagattacag acatttgcac gcaaattgtc gtaatctgta attaatatgc aggggttagag      120
cgctgcgttt taacatttaa cattcatgag taaacagaga tggccggtgg gtaaatatct      180
tgccaagggtg gttctcggtg ttaagccttt tgagtcttaa gatgacaaat ccctagggat      240

```

caggtggttt	tccccgacga	actcttgtca	atgagaaatc	cctcagcccc	ttttgtcttg	300
ggtctcacag	ctccagaagt	gagccgggcc	agaacgaagc	catcctagag	tccccaagga	360
cagccctccc	gtggaccccg	gctagggccc	ccagagtctc	atcctcagga	gtgcgccagc	420
tctgggcttg	cgtgccggcg	gggtctgcag	ccacaggtcc	cgcgagtccc	ggacacttcc	480
aggacgtggt	ctcctggtga	gacagctcct	ccgggtacca	gtctcgactc	ctccgggcag	540
gcgacaacaa	agtcgagtcc	cgccctccac	gttcgectgc	tgcgcgtctc	tgtcctctct	600
cggccgcgcc	aactctgggg	cacagctggc	tcctcctggg	ggcgatgcag	catcacaggg	660
ctccggccca	ccccgggcca	gggcgccgac	cctccctgcc	ggaccctctc	tagaaggccg	720
cgggtctggg	tctggctcat	cccttaaaga	ttccaagatt	gggcgcactc	tgagctcccc	780
aaacacaaaa	tgatgggatc	cctgcgcgtg	ccccacgtc	acagagtggg	aggggtccag	840
gggcattcta	attataaacg	gggctcaatc	acaccccaaa	attctaaacg	cctccacccc	900
taacctgcag	gtgcaaacag	cacccttatt	tcattgccgg	cagctacttt	gtactttcgt	960
actgatagac	aaagatagtg	acaacaaaga	cggaaagaaa	caagcatcga	aagctacatg	1020
aagggggtgc	agcgtctgtc	taaaacacaa	aatgccgagc	ccggttttcc	ctttccctcc	1080
ccgctcggtc	ctgcgcccac	cccgctccgc	gctggccact	caggcaagct	gtaaattggat	1140
ataggtaaag	atgcaggagg	tgatggagaa	ggcgatggct	gcgtagatga	agatggagag	1200
gtgcggaaaa	tggtcgagat	agcagccctc	gtccagtggg	ggcgctcctc	tctgggcggg	1260
gggcgcgatg	cggccttcgg	gggtgcctcg	gcgcggcccc	cctgcgcctc	ccgcgccgcg	1320
cgccgaccag	ccttcttgcc	cgcggccgac	gccgacctgg	gcccgcaggc	agcgggaggg	1380
tcttcggggg	gaggcttgtc	aaacaggcct	tcggactcgg	ggtccggggc	aatctgctcg	1440
agacccaggg	gtctgcgcgg	aaacagcccg	tcagccatgg	gcaggatcgc	gggtagggtg	1500
gtcagccggg	tctggg					1516

<210> 7762

<211> 1090

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (674)...(115)

<223> similar to gi3093311 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7762

tttttttttt	ttacattttc	tcctaatttt	attggggagc	catcattata	tattaaaaga	60
gcagaggtaa	ttctgtcttc	tccggttggt	cagcacgata	tgctccagct	cgtcatgcc	120
gggcccggaa	aacctccacc	ttctcccggt	acagctgggt	gaactgcttg	gcaaggcagt	180
ggaaaggggc	ttcgaagttt	tccatctctt	tcacggatgt	tccaaaacat	tccaggccct	240
ggcccagcgc	ccatgcccg	gcctcagctg	agtccactgc	tcgtctgccg	gccaggctctg	300
tcttggtccc	aactaaaaca	cctgggagag	agatgcctgg	agcctgtgac	cgagccttct	360
ccagccactt	gctgcagttg	ttgaaggatt	cttcattggg	cacatcatag	acgagacata	420
agacattggg	actctcccac	aatttatcca	gcatttccga	aaacagctcc	ttgccagcag	480
agtcaaaaat	gaagagttcc	acactgtctc	ccgtgtcagg	aactggcact	gtcttcacca	540
ccaaatccat	tcctgttggt	aggggtgtagc	ttttctggaa	atgggctcca	tcactgcgga	600
agatctgtgc	cagggcggtc	ttgcccactg	ctgggtctcc	tgccaggatg	catttggtctg	660
ccagcttcac	catggtaacc	aacactccc	cgagccgtac	ccagaggaca	agagcggtctg	720
ctagagacgc	gagtggtggg	gcttcggggc	ctgggctggc	ctgggacggg	aaggtgggga	780
ggggagggct	gatctcaagg	gtcagtggcc	gcgacgggac	tggggatgac	cgagcccggc	840
ccttctgggc	cgggggcgga	tatcgggcgc	tgggggcggg	tgggcagggg	agggctccag	900

gtgggcccgg	ctcgaggcct	gacacggcag	tctgaaaagg	tgcaagcgag	cggacacggc	960
ctgtgctccc	cgcccagccc	ctcagcacag	ccctacccag	agggttcaag	gaaggacgat	1020
ccggctctcc	tccgatcaca	agtaccgggc	cggatgcact	ctccaagcaa	ccatagccgg	1080
acgcgtgggt						1090

<210> 7763
 <211> 1078
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (397)...(536)
 <223> similar to gi3860012 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7763						
ccaacccccg	gcgccacccg	cggtcttcctc	cgctcgggggt	cctcgttcgg	cctctgctgg	60
cctccgcgac	tccgcggtgc	ccgcccccg	tgagttcaaa	aggacgcgcg	gagcggcgcc	120
ggcccttcac	cagcagcccc	tccgactgga	aagatctgcc	tcttctccaa	gaaactcaac	180
cactagtgc	aatgaccagc	ctcctgacta	ctccttctcc	aagagaagaa	ctgatgacca	240
ccccaathtt	acagcccact	gaggccctgt	ccccagaaga	tggagccagc	acagcactca	300
ttgcagttgt	tatcacctgt	gtcttcctca	ccctgctctc	ggtcgtgatc	ttgatcttct	360
tttacctgta	caagaacaaa	ggcagctacg	tcacctatga	acctacagaa	ggtgagccca	420
gtgccatcgt	ccagatggag	agtgacttgg	ccaagggcag	cgagaaagag	gaatatttca	480
tctaattgact	cccaggcccc	aaggagctta	ttcctggctc	catcgctaac	acgttgactg	540
cttattatgg	gaaagtthtt	tctgaagcca	gggagaagca	ttgattgatg	tgggcaaata	600
caagctccag	ccaggtcgca	gtcccaaata	ccgacatcac	tgactccagg	gaccagggac	660
atggagaaa	ctgtttatga	tatctttaac	caggccctct	tactagagct	ggtgtttgtg	720
actggccaac	aagatgtggc	tatgccaggg	gacatctgag	tatgtgcccc	gtcatctttt	780
ttcacagggt	gaaggagag	aaaagatttt	gagtttaagg	cattggctgc	tctactctgt	840
ccctacctg	gtcacctagt	gatagcccca	gtggagatac	tgtccataca	aggtcttccc	900
agaggctgga	taccacagta	aaaggccagg	ccaggagggg	taggagacta	tggagatctt	960
acctcctgta	aaatgtgcta	caccccttaa	tctgagccct	tcctttccgt	gttccccaac	1020
aacctcatgc	ttacgtgatt	tttattcaaa	ttaaaaattt	tcattgctaa	aaaaaaaa	1078

<210> 7764
 <211> 1103
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1042)...(497)
 <223> similar to gi4741198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7764
tttttttttt ctgaaaggct atctcgtgcg actttaatat ttatatccgt agtttcactt      60
ggttcctcat ttttatgttt tttttttaaa ttaaaccacag gttatcaaag tgtaaatgaa      120
aggtaattgt ttattactgg agaagagaaa aatgtataca agaaagtcta gattcctttct      180
ccacatgcac tacttttgga ataaagttcc aaatatcaac tttgaagata cttacaagga      240
taaatttttc ttaacaagtg accaattact gtgttggtgga cattttttca tagaatccat      300
atactgtaaa ctaaataatat tcttatagtt tacaggaagc ttggagcaat tatgtattaa      360
cagagaagat ggtattatat tttactgcaa aatattataa aagtgataca attttgtggc      420
tcttaaagt ttaattactt gatttcaaca ggacaatgaa aaaaaaccaa aaatcatcaa      480
gacaggcctg gctttaagggt tttttgtatt cgattcgttc tactttcaca tcatctccaa      540
ttagctgata cacatagggt accactgtag aagcctggat atccatcaac acaaatgatg      600
gaataatgtt tgtttccaag gcattatatg cccagtggtc agaacctgga ttaatgtaga      660
atttattttc atgctcaaat gcttcaaatt tgtgtgtgtg tcccagagata agaattgtcca      720
catcaaattg cctctgcaac agggctaagc tggccatata tccccatgga ataacttgat      780
gtccatggat cagaccaatt ttgaactgtc caacagtcac aactttctgt tctggataat      840
tcagattctc atcgaagtct cctctcacia tatgaacatc accagccaga gtcttgagat      900
agtcataact ctctttgggtg caaaggtttc ctgtgcagag aatgtgctga atttttcctg      960
gcaccaggag ttttttgaat ttagctggca aactgttgca ccggtgtggg atgtgcagat     1020
ctcctaatac caacaccaat ctgtgccag ccactctgtc accgggctcc gctcagtcac     1080
caccaccgtc gccgccctct tcc                                     1103

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```

<210> 7765
<211> 1026
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(491)
<223> similar to gi2959888 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7765
cggtgactgc accgcccgcc ctgccagacc cgcccggaac ggggctcgtc gccgccagta      60
gccgcagcac cgcagccttg ggccctcgcgc cggctatggc cgtgccctgg ggctgagccc     120
tcaggttgtg accgagattc ccgacgagag agactgaggg gaagagagga aggaggggcg      180
ggctcctggc aaggcattcg ctctgagcg gaatcctgca aagatggaga aggaggagac      240
aaccggggag ctgctgctgc ccaactggca gggtagtggt tcccacgggc tgaccatcgc      300
ccagaggggac gacggcgtct ttgtgcagga ggtgacgcag aactccccctg cggcccgcac      360
tggggtggtc aaggaggggg accagattgt gggtgccacc atctactttg acaacctgca      420
gtcgggtgag gtgaccagc tgctgaacac catggggcac cacacgggtg gcctgaagct      480
gcaccgcaag ggggaccgct tcttcccag cctggggcag acctgggacc cgtgaagtct      540
tcagctcctt gcagcttctt gaagtgggtt ttgaaacaca ccacagccat cagcattgga      600
atgcaaagga ccagaacaaa caggaaggaa gccagcagcc aagccggggc agtttcagtc      660
tccaccccaa atgcaggact gtagaagcgg ccaggaagaa aaccacccc tcttaagggt      720
gtttttgtga ccgttctttg gagcattgtt ctaaaaatgg gaaattacat attgctgtgc      780

```

caagggcaac	aaacacctgc	agttaaagga	ataccttccg	cgaggcggct	tttcggagca	840
tgcatgttta	tagctccagc	caggccagac	cgagggtcgc	tgcataagcc	ctgcttggtg	900
catttcttta	cttgcaaggg	gacagagtgt	gggcttaggt	ttgggactag	agggggcttt	960
ggcaactatg	gtgctcaggt	gattatcctt	cgctcgttta	tccaataaac	aattatcaag	1020
caaaaa						1026

<210> 7766
 <211> 5418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(5419)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (5273)...(2897)
 <223> similar to gi3327064 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7766	
tttttgata	atgaaacttt ttatatctgt tttgcacaaa tccccaccaa gtaatttcag 60
cataaagcaa	accaaattggc agacgaaatg atgttaggta tccttgtagg tttacttcat 120
aatacataac	ctctaattcca tgtccatctt cttgtttctg cttttaattc tgccatttcc 180
tcttaaaatt	tagggtttaa caaagacaac agggctgttt gccaaatcgc agctattaat 240
tcacagcata	gaaaagtcaa agctatagca aaaaattgct aatctgcaca actttaaaaa 300
atagttcagt	acatttttgt tataaaattc atttacagga ggttattcac atgtacttgt 360
caaatttact	cctgataatt cacaaaaaca tacaactcaa caaactgtgc acaataaatc 420
caaggcaaat	tatatacaaa gaaacaaaac aagcttttaa gtagcacata ttcatttgaa 480
ataactaata	ttgaaagaag acagggaaact ttcttttaat gccatggcaa agacgaagcg 540
aagagccaca	cttcacacct tgtaaaaaga atagccctgt tcaacaacgc tgcgctgaca 600
gccacatcag	gaggggccac ggtgaacata ggaaatggct ttggcaaata cttgtaccaa 660
ctggaacgag	tgaagtttca aaagtaatgt gaggtacaac tgcattccgc tgtgaaaggc 720
cgtcacagga	cacaggetcg tctgttagaa aggatgatct agttctacca ttaattcttg 780
cagaatcaga	tctgctgagt ggtgaaccaa caggtgaaca caacgtaaga acaggcatca 840
aacttcactg	gaaataatat tgttcagtgt gtggcggaac aatatgcatt ttagagaaaa 900
cttatttctc	aaatcatgtg ttaatagtat taacatgagc agcgtgagag acatcctgac 960
cccaacgttt	ttgcccatgc cctcccttta gaagcttagg agtttgtaca ttccttaagt 1020
ggtcagcact	acaagtgtct gctaaaatgg gcacttcac aagataacag gaaagcaaac 1080
ttaaagtaac	gagatttctt cccaaaggca catggaagaa gctgatagag cccttgaccc 1140
agacagaatg	ggacccatcc ctacccgtcc tgaactgtcg cacactgcat ggccaaagac 1200
aaactctcca	ccccacaga ggaagcagt gctgactctg gggacaaagc actccaggaa 1260
gtcacctgct	ccctgggttt caggagtatt cagttgaccg tctggacacc agtgaggag 1320
acacaggtaa	tgaaatcaaa tgctcaaact tttggcaacc gaaagtgtt ttttaaagct 1380
ctttataatc	tgctcaagta gaatttctaa cacaaaaccc ttttttgctt aaaaagcaga 1440
tgacaaagga	aatgtcaa atgacacatg aatcttcagc tattttccta ccccaaatg 1500
agatatgggg	ctgcacagca ttcattacag atccctagtt tttacaactg tcaactgtac 1560
attctcatgt	ttaggatact ccagttcact gcgtggatat ttggaaaact ggacaaaatc 1620

aggcagccca	ccccccctt	gtcccagat	tctcgtatct	ccattcacca	tgaceaattt	1680
tttccccac	aaaagcacta	ttacctttta	ttagtagctg	gaaacaccta	tcagatatct	1740
taaacagcat	gtattttttac	caggtagatg	atctctgaag	atcacaggaa	gtctaccact	1800
ctcttcccag	ttctgaactc	ctctggttac	gcttcatttt	aaatcggtg	cttctttccc	1860
gccccaaata	ttctattttg	cctgccccag	tggttcccaa	gctgcctggt	gatcagaatc	1920
ccttgggaaa	tggtgaacac	acagcttccc	aggctttctg	gaaaactagt	tagatctgtc	1980
tgacaatctg	taagctgagg	cgattcttcc	acagctgacc	cagcgcta	ctagcatttg	2040
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aatgatagct	caagaattat	tctttcactc	catattcttc	tctctcaaga	agattaggaa	2160
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gtaacagtaa	gagtaatttc	cttggagtc	gaggggtgtg	ggtatagaga	agcagcaaca	3420
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agaatcttca	ctgcatcatg	tctatagttt	ttgtcacagg	tcttaataat	ggcaccacgc	3600
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gccaggaatc	caattgaacc	ttggatgcta	tttgctctga	cacacgtaac	aataacacaa	3780
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cctcggcata	gagctcgtg	ccgggaaagc	tcacccagct	gataatctag	aaattccttt	4680
cttttatgca	tcgctgaac	atgagaaggt	aactcttttt	tcattctgtg	gtttacttgg	4740
ctgtccaaac	tgaacttttag	aacctcacta	ttaatagact	tttctggacc	cagtcgtact	4800
aaatttatat	ctccacagtt	tcctaaagga	ttcttcttgt	ctttacattt	ttctttgaat	4860
tcaaggataa	tttttttcat	gagttcatca	acagctgcat	tggaaggtgc	acacacgagg	4920
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tctgtcagta	gacgatagag	gaggccaaca	atagtttttg	atcttctctg	tccaggtggt	5040

ccatgaatca	agcagatttt	ggcaactgat	ggtgagtgtt	tcaccatagc	atatgcagtt	5100
tctattgctt	tcttttgatc	ttcattgaaa	tctcttaagt	acgcaataat	tctctcagat	5160
gttgtagtca	gtaaatcttt	tgtacagaag	tccatagggg	ttggattcag	aacagctcta	5220
gccagttggg	tccgactacc	caacagagac	atggctttca	acttcctttg	tgtagttacc	5280
agagaactga	ttacaataca	attcacaagt	tcgtttaaat	tggccggaaa	gttctcttga	5340
gtctggatgg	aaaggtaaca	ctcagttttg	gaattccacc	gcacttannn	anggnctaca	5400
atanagggct	cgatggcg					5418

<210> 7767

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (928)...(306)

<223> similar to gi2660676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7767

ttgtggggaa	tggtgtaaaac	ctcacccttc	cctgctttat	tttcacattt	tttaacaaag	60
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gggtcttggt	taaggttttc	tcccaattgg	cctagggccc	cagcccactt	ccctcactgg	180
cctcaaagcc	ctggagttga	gccctctagg	cagtcaaggg	caggcaggag	atgggccaga	240
gaggggagga	tgtgttcttt	aggtacagaa	tccctgacca	cgggggtccag	tgccctgtggg	300
ccaaccacca	ggaagctgtg	catgcccaca	gccccaggcc	cctggtaatc	gcagaggtaa	360
ttatccccc	catgggctgc	cactactggt	tccatatgag	caagccgcaa	ggcctcctgg	420
aaaatgcggg	ggtccggctt	gggccagcca	gcagcctcgg	aggtcagcac	aaagtcgaag	480
tgttcacgca	ggccaaggcc	ccccaggatg	ccctctagcc	gtcgggtcaa	gttggagatc	540
actgccagtc	tcagaccccc	tgtgcggcac	tcctcagggt	tgctctcagc	cccattcaac	600
acctgccagg	tgccaggggtg	gctgaagtct	ttataaaagt	gttcagcgat	gggggctaca	660
gcctgagcat	cctggacacc	cgccagggtg	aaggtctgca	ggaccacatc	cagccaccac	720
tggcgggagg	ttaggccgtg	gctcaggccg	tagttgggga	agctgtgggt	ctgagccctg	780
tatgcctgcc	tgaagccttg	ttccagggtc	gagggtccca	cctccagccc	atggggcccg	840
gccttggtgg	cataggcctc	ccctaagggtg	tggcggagcc	tgagcagcgt	gtccttcaca	900
tcccacgtca	gcagtcgtat	ctgcagccgg	tgtgccatgg	aggaggccaa	gtccacccca	960
gttctgcctc	aggtcccacg	gtgggtccca	ggggaagctg	agctggataa	gaccacctct	1020
gcgcaacct	acaatcacct	ctttccaggc	cttgtgggtc	agatttgctg	gctaaccatga	1080
agcacttggg	aaatgtcttc	acagcacaag	atcccaaggt	cacagtgaat	cagtggcaca	1140
gccaggacca	gaacccaaac	ttccagactc	tctggccagt	tcttccactg	taccatgaga	1200
tatatattgga	ttttaaaaat	tggtgaacct	tttctcccca	cctccagggt	tcgggaaagg	1260
cgaagtccag	gagcccggac	ctgacgcaga	atgtctatag	ctgccgtcgg	cagcgtgagc	1320
tggggcgggc	gtcctagggg	ccttgggccg	ggccgacccc	ttgggtcccc	ttctcagctg	1380
tagggcgctc	acggctccgg	gccggttcct	gggccagga	cccgcctgac	tctcaagtaa	1440
gcatattgaa	accgca					1456

<210> 7768
 <211> 1649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1434)...(682)
 <223> similar to gi4929663 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7768

tttttttttt	ttaataaaca	taagagtggg	tttattgatt	acatacaatt	ttagctatat	60
taatataat	tataaacttt	aagaattaga	aataagtgac	ttttatTTTT	taaccaagaa	120
taatctaagt	tatggcagca	tgttcaatga	aaggtaagtc	cggcacaatt	tttctatatc	180
tgtttctcag	ataatcagga	acatcatcca	agctttacat	tacgatacca	taatgaccct	240
cagaacacaa	gttccattaa	gtagaaatga	agcatcatat	gttttctttt	ttaggaaaga	300
cccccccttt	tgttgtatag	acataccctt	aataatctta	ctctactgta	caaataactt	360
ttcaccacac	agagctgcct	caagtaactt	tcattttgga	aagctatcaa	ggcatgagac	420
agagtagcaa	aatgccactc	tggactttgc	atcttggagt	ttcaattttg	ctttaggatt	480
tagacccag	tttataatta	aaaccaaate	attcccatat	tattatactt	atgtaggaaa	540
gccttgctgt	gtccactggt	aacacaaaga	tagaaaatgt	caaatagttt	aagcaagtat	600
ttggcagacc	acagacatga	aacagtgcct	tcggaaacgg	aaacacttta	gtgttttaga	660
ggtgaagaga	ttgatgggtg	tcattcaaat	ttctcatctc	cttcttctac	atctttcaga	720
ttgagtactt	ccaaagaacc	tttgccctta	gtttcccttt	ttattagctc	atcaatttct	780
cggagcagc	cggggtcaat	cagacatacg	atttctaact	gttggccata	atcttcactt	840
tctatgacct	tgatcagtgg	cttgagcttt	tctttcagct	tcttgcttcc	attgactgga	900
aggatgaacc	gaagcctcat	gtgagcacgt	tctatcttca	ttttctcttt	taactgcttt	960
atcacttcca	aagcctgctg	ttttgtactc	ttgttggttt	tcaccgaata	gtggatgtcc	1020
ttcatggctc	tctcaataag	gatcacgggt	tatggctctc	ttgtttcagg	attcacacat	1080
ttgtctgcca	caatagtgtc	aatgtcccta	aacatctgct	ccagttgtgt	gtgtctttct	1140
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tctgttccaa	acgcactgat	gagatcttcc	tttttggaac	cctgaccttt	agaaacattt	1260
acaaacactg	agtgggtctg	cagaacttca	tcgaggtctt	ttccacgccc	gctccgcccag	1320
ccgacgacct	tgtttttgta	gcaggcgatt	tcgaagcgct	tcccggcacg	cttcatccgt	1380
accacggcca	cattgggttag	gcggatctgg	ttggtggggg	tgaagatcga	catcgcggtc	1440
gttcaaagac	ccagaagccg	gcgaaccagg	gctgaccgct	gccgtccagc	ctgaaggcca	1500
ccagcgcttc	gcggtaacga	ccgatcggcg	cgcggcactg	acccaaccac	cagtgcgcgg	1560
cgccgcgact	cactagcttc	aggcagccgt	cacagtgtgt	ctggcagggt	tacttactgc	1620
gcaggcgctca	ggtggagcaa	aagacgaaa				1649

<210> 7769
 <211> 2017
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1865)...(829)
 <223> similar to gi1118113 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7769
gttttcccca ggtacctagc aattaatgta ctgacaagtt tgaattcaaa cctgaatgat      60
cctggttgca ataattcata gtacatgact tcaattgttt aggattacta aactaaagac      120
catccacttc ttttttctat gtttcctatc actgaagttc tttatattta ataactacta      180
tggtagacta attatctcta gtggaatcta aatcccaaaa tattactttg tctttatcaa      240
tttaataact ggatacataa atgcaaattt attttatata ttagtaaaca cattttcatt      300
taaaaaacag catttttggg ggcaagtgcg tgtttctgta ataaagagaa agtatgtttt      360
cacatacaat cttgaatttc atcatgtttt gtatgctacc tgctgtgaca tgcactttac      420
catgacacta aatgccttag tacacacacg aatgaccact gtcaggaatc ttgagatttt      480
gacatttttt ggcgtttatt taaaaataaa attattttct ctagagcatg aaggaaaaat      540
ttaaaagtat ttctgctgtg ctagttctgt aaaaagttaa aaaatgagaa atggcgccac      600
cattttataa tcctgtgttt ttcaaggagt ggaggggtcaa attgttaaga aaaatatatta      660
cataagctat tagcaatcat aattagagtg tcatagaatt ctgcatgcag cgactaagga      720
ggaatcccta gaagtccagg tgcttcttgc ctccggccat catgccacag cctgggcca      780
gccgcttggc ggattctgcc agatccattt tgcttgagcg gctcactgtg tctgacaagt      840
ctggaggcaa atgcagtcgc tcaatggtga atagcttctt ttttaattta aaagctaagt      900
ctttgacatc tgattcatca cagatcaagt tattaagccg aggaatctgc cgtatatgaa      960
tcaatccatg ataatcctta tacaatgggt tagtttctct ctcagaacca ataaatgatt     1020
ccagaccaac tactacatct gacaaggttg tgacacgggc aataatggct ttattctgga     1080
tcagatgtgt tggcattgtg atgatgcagg ctgaaagaga ggttctcaga agaccacgga     1140
gaacatagag gaacttggtg aggctgtgac tgttgccacc attttctgca cagcaaatat     1200
cgtctcccca taaaggtgag ccaagattct gaattcctat tcttaaaatg tttctctggt     1260
ttttctgagg attggatcca tcaaatectt cctcataaat gatgttctgg ataaactgaa     1320
gcagctttgt gtagccaggg gtcaaagaac agggttctac tttgagagtt gaagatattt     1380
tctctggaag aaaaaatcca tgccaatttg aagcctcaat tagttcttgt ggcattcttt     1440
ttgatgcac ataatagtga ccaaatectg aagatgatac tgggtccaatc tccatcttgg     1500
gtaataactg gtaacgcaa gctattttca tcttaatat agattctggt gttttatgat     1560
tgtatacatc ttcacaaat tcctttttac atttatcatc aagtaatggt gctggaagtt     1620
cctgtaaaat gttggcagga tcctctttag cagatgcaac caacaaagta tgccattga     1680
caattccttc tgccaggaaa tacttgaaga gcaaagggtg gtaaataatta ttttatcct     1740
cctcaattag aagaactggt ccaacggcta aacctccacc taagagctgg tctagggctg     1800
ggagcccggt tgataccagc agctgtccat tccgcaccga cggtcgcgtg cccgcaatgg     1860
acaccagtcg agggccgctg tcgttggtca cgtggtctct aggaccctc ctctggaaac     1920
tggtgacgtt gctcttgctg gctgtcgcca ctgcagacce agtactcgcg gcaacactac     1980
cgcaggttgc cactgccgcc atcttagagc ctccagt                                     2017
```

<210> 7770

<211> 1418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1389)...(754)

<223> similar to gi2429446 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7770
tttttttttt ttccagggtg agtctgatga tctttatttc ttagacagcc ctggactggg      60
gctatgaaac acagtcacca gcactatact cactcctagg gtggctctgt ctgtggcggt      120
cctcaccatc cccgggactc atagctcagt gccaccccc gacaccatgc cctccagggg      180
gaggggacag cgaaggggag aggagggaga gccctgcgcc tggccctgtc ctgagtccaa      240
agattcccat ggtgatcaga gggcggtgtt gggaatgtgg gacacccttg gccccgctc      300
cctgacctcc ccactacccc accaaaccag ccttccttcc tcctggcact tccagtgtcc      360
attccccgca gtgcaaagt gttaggtggg gtagggggtg ggataggag ataaatagca      420
gcctggcggt ggcactggct ggtgctctgt ggtgggtatg agtagggag ggggcccgt      480
tcctggagac aagctcctgg gtgctgtgat cagaagggtc ttagctcca gtagctggag      540
aacacggaga tcttgcctt gagctgctgg cagagctgca gggagacggt gaagtagacc      600
agggcgctcg tgagccagg gatcacgcac tccactttgt gcacgtggct cacctccagg      660
cgctgagagc cccactcgaa catggcccca gggctatgca gcaccgcgc cccagctggg      720
cggaagtctt tggaggagt gggctgcagg gcatgcagct ggtacaccgt gaggcagagc      780
ttgttgaggt tgatgtagac gttgaccagc aggtcggacg gcagggcagg ggcgaacatc      840
cgctgagggc cgctggcggc gatctcgggg agggtagagg tggcgggggt ggtgagccgg      900
tttcgggctc tggtcagctg cagcatcact gcgtccatca gcttgaggac ctcagcgcgc      960
gtcttgaact ggtagctctg gtcccggctg gtaagcaggt aaatggcttg gctcacatgg     1020
tttctggcat cctggatctg ctgcagcttc cactgcttgt cctcccggaa ggcgaagtgc     1080
agcagctggt tgttccgggg catcttcagg ttcacatccg cctggctgag ggcaccccc     1140
tgcaagtca gcacaccctt cacctggtct gtgccacagc tgcctaggat gaagttctct     1200
tgcttggcgg gccctcagt gccggagccc ggcagagtga agcgcagaga ggctccttg     1260
aggatgtcct gcagctgctt caacacagcg tgcacctcgt cgtgcagcag ccagcggaac     1320
tcctcctcca gcaccgccc ctccgcccgc gtcgctgcc tccaggtggc catggccgca     1380
ggccgcccgc gagcgccctc cccaccggcc gctgctcc      1418

```

```

<210> 7771
<211> 1825
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1826)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1671)...(494)
<223> similar to gil93871 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7771
tttttttttt ttcttattta aaatatttta atttctaaaa agcttaaadc atattaaaa      60
ttaaacaatt tcattgtaca gtacttgaca atacatttca acaaactgaa aggcaaacca      120
gtaaatcagt tttgcttact ttctaagctt aataatgtac agactcttgc tcttcaagaa      180
gatgcaaaaa tcagcaacag tacaagtga atattttaat aggaaatctg aaacaaaacg      240
ggattcaatc tgatcaaadc ccacaattaa ttgaagtttt cattttattc aattgtgaat      300

```

aaaatagcag	acactgtttc	atccaataag	ccaatgatat	cagcttagga	gaaattgatc	360
tgcttgggct	tgtgcaagac	aagaacagtt	accttctgct	gaaaggatgt	gagttttcca	420
aatttggttt	tcatgtcata	gtttccaaat	aaatgaaccg	ctccaccaa	aacgacagtc	480
tagttgtctac	ctatcttcca	gggtttcatc	atacagccat	ttataagcac	aatctttgga	540
acgctctata	gtttcaaaaa	gtgttttgaa	gtcttgaggg	tgcatgttaa	ctactttctc	600
atcctcctgt	tttcctattt	gcatcaatat	atctctcgca	tcaagtggag	tcaatgaacg	660
taagtgggtct	attacagtgg	cgctgcgcct	cccaaacag	tgctttaaca	agtgaaaaaa	720
tatattatag	ttcataggtg	ttaagttctt	ggtaaataaa	ttttgacgag	gaatcatttg	780
aataagatac	agcttttggt	gtaattggtc	taataattcc	ctacgctttg	ggttttccag	840
cggccctttc	cgggtgtata	tatcaaata	tgaccaaggc	tccatgtgca	gaaccttaat	900
ctcacaagct	aattgccaga	taacacttaa	tacatgatac	aagtctggat	ttccaggatc	960
tgccattagt	ttctggaatt	ctttttcacc	aataaacata	ttactttcta	ttcgtccaaa	1020
tttatatata	gaagtacagg	aatacaagtc	atatgcgagt	ttccaaagt	cccttttctc	1080
acctctactt	gggaacattc	caactacttt	taaagggatg	tctgctgtcc	aaggaaactgc	1140
ttctattccc	aaattcttaa	agagccctcg	agaagacata	gcagggtggt	ttattactcc	1200
accacttcta	ggatctagtt	taaagaagtc	acagtgaatc	actcgtagtt	ttccatccag	1260
atTTTTTcct	aaggactcca	aatgtggaat	aaaagttttg	tcactttcga	gcgcaaccac	1320
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cagtaggtgt	ggaggtctac	ttggttttcc	caaataagatt	tgcgccaggg	tctcagccaa	1440
tctccgatcg	gttacgtaac	gcttaaagtc	taagctggcc	ttagacgcct	tccttggcgg	1500
attcctgaaa	tccggttcgg	gccacagctg	cggagaggag	tcagagagcc	cacagtgggt	1560
cctcgccggc	aaatgctttc	gcgtcgccgc	ttcagaccct	aaaatgcaaa	agcgaccagc	1620
gcccgcgaag	gcggagagcc	tcagccgcgc	aggaagcccg	accactggga	tccacatgtc	1680
cttgtctctc	aggccgctc	caagaatcac	ctagtgcagc	tactacagt	aacccacgc	1740
agggtatccc	acgtggaaca	ttttctggcg	tcccggacgc	gtgggtcnac	cgngnattcg	1800
aggcgatcga	cggcttcagc	cccct				1825

<210> 7772

<211> 3293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2808)...(1612)

<223> similar to gi929660 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7772

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aagataatgg	aaaacagaaa	ccagttagta	aagccatgca	aataggaagt	gattttcagc	180
cccaagagga	ctttgtatca	tctatggctc	catttaaacc	caagtagcat	ctgtcctggt	240
ggattttgaa	catccttttg	atttaacaca	gaagaagggt	tgttctaccc	tttaaaagca	300
tatcctcttt	tttccccc	cagactcctc	aacaagtggc	ttctaagaca	agactgggggt	360
tgttttctta	ctgaaaatcc	tgtgtttatc	cagtcttttc	cttttcaatt	tctgagttta	420
gcttacctaa	cagcaaaa	gaatcctcaa	atttctcaca	gagcaatgaa	aagcaaaa	480
gttggtttct	ctgatcaaca	tcattttcag	tatgaaaaca	aaagttatga	ctcctagacc	540
tttgaaatat	ttacaaattg	tactttaaac	aacggagatt	tttcagtgtg	cttctaaaac	600
aaagtaaagg	gatcagaaaa	tgtggttcaa	gtcaagtgtg	caaagctctc	gaagaaagggt	660

cctgcagcct	ggacaggagt	acaaatattc	tcttatacaa	gttaaagtga	cccttttcct	720
ccacaacatt	tttgaaatga	aacagcaaat	gcattttatac	tcacaaatca	gtcaaaaggc	780
ctcttctcct	tattaagccc	tttacacaca	gatgataaaa	gcaaggtttt	cctacaatag	840
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aatatTTTga	aatcaggtat	ccttaactac	tgatttcctt	ttagaaacta	tcttgagtgt	960
tagattttca	taattacacc	atTTTtaact	tttagctttt	taaacttcta	gacaaactat	1020
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caaccagctg	gcacaacaat	gaaagtgtca	gactttctga	aagtactcga	gaaataatga	1140
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taaaattaca	gtacatcatc	gctcctagaa	aattcaccat	acaagacgat	cctttcaaag	1380
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agcgtcgtgt	cctgggcgag	ctgggaggcc	ggggcgagT	cccgcgagtc	ccgcgagtgt	3240
gcctcccccg	gacgcctagg	taaacaactg	agcgcacaga	ggccgagagg	act	3293

<210> 7773
 <211> 1941
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1942)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (668)...(302)

<223> similar to gi780241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7773

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tggttaggatc	agcaccttgg	ttccaggcat	cacgccagtc	attttatttc	catcatcatc	180
cttgtgaaga	aatggaagtc	tggagagggtg	aatgatgaa	ggcaatctgg	ccacaaatct	240
tccttctgga	tcctgctctt	cagggcatgc	atctcccatg	ctgaagggtta	aaatgggggt	300
catttgccaa	caaatttggg	agtccgcttc	tccttgaagg	ctgccatgcc	ctctagccgg	360
tcccgggttg	gaatattctg	ggcatagcac	atcccttcaa	tggccatccc	agatgcaatg	420
tccacctccg	ttcctcggtc	aatggctact	ttgccagacc	gcacggcaat	gggggcctgg	480
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tggggccacag	cgtgattcac	cagccccagt	acgtgggcct	cagttccact	cagtcgtcgg	600
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gagcccagaa	cagagggcaa	aaaaggaaa	cagcgaagga	ccctggatgg	ggtggaattg	840
ggcgggtgct	gtagttgcga	ttacctgccc	ccgggaggag	ccctcgcgtg	gtctcaatca	900
gtcccatgac	tgccgaggaa	gctgctcaga	tagaaciaag	tgaggcctcc	ctccccatc	960
cggtccccc	gtgctaata	cgggggccac	agctgcctct	gctgtctact	cgcccccta	1020
gccacttgcc	ccatgggtctg	gccacagcca	ggcctctcca	gactctgcct	ttggaagagc	1080
cctagcccag	aagtcaggag	cccaggccct	tatttcacca	tgcccctttg	atggagtgtg	1140
aagtcaccag	caagtctcac	ccttcccagg	cctcaaaggt	ggaagaaaga	tggctggccc	1200
tcttctgtct	gcttcagaga	gccgctaagg	atcacacgag	gtacgacgct	tggacaagg	1260
agagttccta	ggaggtgccc	catatctatt	tgtggattac	tattaatagg	ttctctggct	1320
tagccctggc	ctggcctaga	atgtcagtga	ctcctgctcc	tgctacagtc	gtccgttcca	1380
gctttgtcac	agcctgaaat	tgccctgact	gttccagtcc	atgtcctcct	gagttctgct	1440
tccttccttc	gagaaacttg	ccttgactga	cgcaccccc	cgggtctgtc	tccttttctg	1500
aattccctca	gcatggacca	tgtgaacgtg	ggcagaagg	agtgggtttt	acattcactc	1560
cgtcttagtc	ttccccaaaa	ccctgtgagt	tagttgcgtg	aacgtgggca	tgtgagaagg	1620
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gttgctcctg	gggtggcagg	agagagcgg	ggggggagaa	gggaagacat	tcagactttg	1800
cctaactgca	tccaagaagg	ctgctcctaa	tcaccaggtc	agtcacctga	gaaaatgatc	1860
agttatcttc	tttatccctt	ccattcttc	aaacaaagct	caatgaattg	cccttcaatg	1920
atatgatctc	aaangggctc	c				1941

<210> 7774

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (148)...(455)

<223> similar to gi1049295 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7774

accgttcgat	aaccctcggg	tgcacccacg	cgtccgctgt	gctgcgcggc	gcggcgcggc	60
gcggcacggc	acggtgggag	tgtctccggc	tggcctgcag	ggagaacacc	gactgagacc	120
tcaaaccctg	gctccagtgt	catggaatcc	gtcacctttg	aggatgtggc	cgtggagttc	180
atccaggagt	gggcattgct	ggacagcgca	cggaggagcc	tgtgcaaata	caggatgctt	240
gaccagtgc	ggaccctggc	ctccagggga	actccaccat	gcaaaccag	ttgtgtctcc	300
cagctggggc	aaagagcaga	gccaaaggca	acagaacgag	ggattctccg	tgccacaggt	360
gttgccctggg	aatctcaact	taaacccgaa	gagttgcctt	ctatgcagga	tcttttggaa	420
gaagcatcct	ccagggacat	gcaaattggg	ccggggctgt	tcctgaggat	gcagctggtg	480
ccctccatag	aagagaggga	gacaccattg	actcgagagg	accggccagc	tctccaggag	540
ccgccttggt	ctctgggatg	cacgggactg	aaggccgcta	tgcagattca	gaggggtggtg	600
ataccagtgc	ctacactggg	ccaccgcaac	ccatgggtgg	ccagggattc	tgggtgagtga	660
gtgctgcgtg	gaacacgtgg	ccagagggcc	ctgctgtcct	tgtgttctgt	ccaggaactt	720
gtatcctatc	ctgcctgcat	ttcctctgac	tgcaggcaact	gccgtggcac	catagagagg	780
atacagaagg	cctctctcat	tatttgtgtg	tttaagtggg	agggcacttc	cagtgcacaga	840
tctttaagaa	agagagggct	cactcaacca	cagcaaaggc	cagacctctc	tttgggcaac	900
atgaaattct	tgactacacg	ataatgttga	ttttgaaaaa	ttatgattga	atttactaga	960
aatggcctgt	gttttaactg	tgtttttata	aatgaggttc	aggccggttg	cagtggctca	1020
tgcctttaat	cccagtgcct	tgcaaggcct	aggcaggagg	attgcttgag	gccaggagtt	1080
caagaccagc	ttgggtaaca	tggtagagacc	cctatttcta			1120

<210> 7775

<211> 2745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(1236)

<223> similar to gi577315 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7775

gtcgacgatt	tgggtgtgct	ccctcccgcc	gccgcctctt	cctcggtgag	gcgctcttcc	60
agcgggcagg	cagcatggcg	gccgtggaga	cgcgggtgtg	cgagacagac	ggctgcagca	120
gtgaggccaa	gctccagtgt	cccacttgca	tcaagctggg	catccagggc	tcgtacttct	180
gctcgcagga	atgtttttaa	ggaagtggg	ctactcacia	gttactacat	aagaaagcaa	240
aagatgaaaa	ggcgaagcga	gaagtgtctt	cctggactgt	ggaaggtgat	attaatactg	300
acccatgggc	aggttatcga	tatactggta	aactcagacc	acattatcca	ctgatgccaa	360
caaggccagt	gccaagtatt	attcaaagac	cagattatgc	tgatcatccc	ttaggaatgt	420
ctgaatctga	acaggctctt	aaaggctact	ctcagattaa	attactctca	tctgaagata	480
tagaagggat	gcgacttgta	tgtaggcttg	ctagagaagt	tttggatgtt	gctgccggca	540
tgattaaacc	aggtgtaact	actgaagaaa	tagatcacgc	tgtacactta	gcatgtattg	600

caagaaattg	ctacccttct	cccctgaatt	attataattt	cccaaagtct	tgttgtaacct	660
cagtgaatga	agtcatttgc	catggaatac	cagacagaag	gcccttaca	gaagggtgaca	720
ttgttaattg	ggatatcact	ctttatcgca	atgggttatca	tggggacctg	aatgagacat	780
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aggatgaaac	ctggccagat	ggttggactg	cggtgacaag	agacggaaag	cggctctgctc	1140
agtttgagca	cacctctctg	gtcacagaca	ctggctgtga	aatcctaacc	cggcgacttg	1200
acagtgcacg	gcctcacttc	atgtctcaat	tttaatttct	cccaagatgg	cacatctcag	1260
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aaacactatg	tgacctggag	tttgtgttgt	ttctgctctg	acaggtttat	atgttcttac	1740
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gaatgattta	gtaaagttga	ctgaatctgg	tatagacttt	gggagtatgt	gtgtgaagtt	2640
tttatcaaac	tgtaatat	gtgaatggaa	tgccctgcaa	tatgaatgtt	aatataatgt	2700
gtaaagggag	attaaaaagt	ttgaatgatt	atcctaaaaa	aaaaa		2745

<210> 7776

<211> 2222

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1997)...(1560)

<223> similar to gi2959370 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7776

gtcaaaaggg	ctgtagcaca	ggatggagtt	tgatttatcc	ctcctcccc	aacacctagg	60
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aactgaatct	ttttcttttt	attttttgag	atggagtctt	gctctgttgc	ccagctggag	120
tgacgtggtg	tgatctcagc	ttactgcaac	ctctgtctcc	cgggttcaag	caattctccc	180
atctcagcct	cctgagtagc	tgggattaca	ggcacacacc	accacacctg	gcccagctaa	240
ttcttttttg	tatttttagt	agagacgggg	tttcaccatg	ttgcccaggc	tggctctcgaa	300
ctcctgagct	caggtgatcc	acccgtcttg	gcctcccaaa	gtgctggatt	acaggcataa	360
gccactgtgc	cgggcctgaa	tcttgtcttt	tgacaatacc	aaagaaatag	ggggtagcta	420
gagtaaagaa	cctagggcct	ggacctgggc	tggacagtgt	atccctttag	gtgtgggaac	480
tgggtatttc	cctggggctc	gtatgccttt	gtcttgtcat	ttgcttttag	ggcagatgac	540
actttttccc	acccttttaa	agctacaagt	ctatcttctt	tcttgaccca	tttcaggagg	600
gagccctctc	ctttatcctg	atataatatt	taaaagacag	aacaagaaag	catgtagccc	660
taatgatagg	agattatcgc	atagagtcca	gagactggaa	actgaatttt	ccctcgactt	720
tcactttgtg	ggtaaatac	ccaatttttag	gctcttttct	gcaaggatgg	ccaaaattaa	780
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tgtatgtaca	tgactattta	aagccagggg	attatctttc	tataaatgta	taactggcaa	960
cctgtatctt	ccctctttgt	tgcccataata	gccggagccc	tttttctcat	ttgagaatct	1020
cttccctact	aagtgttaag	cttagagtga	agggcacctc	ctactggacc	aaaggagagg	1080
ggattggaga	attgttttaa	gttttataca	ttaaggacag	aattccatct	tcccaccccc	1140
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ttggccctta	cctcacctgc	cttcctgatt	caaagaaact	tgccactagc	aggactgggc	1380
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ctcaggcttt	aaagggtgtag	aagacagtat	ggagaataag	agaaggatgt	tttatagtcc	1500
tctgttttcag	tgccctcccc	atgcccattg	agctgtccca	aaacccatcc	ctcagtattt	1560
gttgatgcc	aagacacgaa	ccccatggaa	ctggggcaac	ttcggcagca	gtacacttag	1620
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gagatagagc	acaataggag	agatgctgag	gaacttgccg	gaagaggtaa	actggagccc	1740
atagtccatt	tgctcccagt	gtgtcagtag	ccgagccttt	ccttgggtcag	gagtctcaaa	1800
gggtgtccct	ttcacctgat	gaaggaagac	atacgtagcc	aggttatgga	tgacgttggg	1860
caggggtccag	acaacaggaa	tgctgaagaa	ggggatgctg	agtagaacca	tatgcagcaa	1920
tcctaccaag	atgatgtagg	ccagccagat	gcctcggtta	ttcatcactc	gggtgttggg	1980
gtttacttcg	ctgtgtgcca	ccccacatt	catectgcca	gtcagatcc	ccgtccggct	2040
atgggcgcgg	cgccggctac	cacacctgaa	gtctccagga	agtaacgcct	ctccttctgc	2100
ccctttccta	ttggaggaa	agaatcagcg	ctgccaccac	ccattgggtg	gtggtctgta	2160
atgcagaagc	acagttgggt	gccatttctg	tcttccgcaa	gatacagtgc	ccgccccctc	2220
cc						2222

<210> 7777

<211> 1584

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (249)...(969)

<223> similar to gi5815233 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7777

tgggatatagcg	cgcgaggccc	tcggtcggac	gggacgctcg	ggattcaggg	actgcctcgg	60
cacacgggaa	gttgccctac	aggcgcgga	gaaagcgag	gcggcggtt	ggcagggaga	120
ggcaggctgc	agtgcacatt	gggtcaggca	cacgcgagg	gcagccccg	agggccgtcc	180
cagagtcccc	cgcgccgccc	gggtcctaac	gggtgcacc	gtcttccgcc	gcacgtggat	240
tcagcgcat	gccccaaatcc	aagcgcgaca	agaaagtctc	cttaaccaa	actgccaaga	300
aaggcttgg	attgaaacaa	aacctgatag	aagagcttcg	gaaatgtgtg	gacacctaca	360
agtacctttt	catcttctct	gtggccaaca	tgaggaacag	caagctgaag	gacatccgga	420
acgcctggaa	gcacagccgg	atgttctttg	gcaaaaacaa	ggtgatgatg	gtggccttgg	480
gtcggagccc	atctgatgaa	tacaaagaca	acctgcacca	ggtcagcaaa	aggttgaggg	540
gtgaggtggg	tctcctgttc	accaaccgca	caaaggaggga	ggtgaatgag	tggttcacga	600
aatacacaga	aatggactac	gcccagagctg	gtaacaaagc	agctttcact	gtgagcctgg	660
atccagggcc	cctggagcag	ttccccact	ccatggagcc	acagctcagg	cagctgggcc	720
tgccccaccgc	cctcaagaga	ggtgtggtga	ctctgctgtc	tgactacgag	gtgtgcaagg	780
agggcgatgt	gctgacccca	gagcaggctc	gcgtcctgaa	gctttttggg	tatgagatgg	840
ctgaattcaa	ggtgaccatc	aaatacatgt	gggattcaca	gtcgggaagg	ttccagcaga	900
tgggagacga	cttgccagag	agcgcatctg	agtccacaga	agagtcagac	tcagaagatg	960
atgactgaaa	gggactcggg	actgaaggtc	tcttgggaagc	ttctgggtct	cactggacca	1020
tcaggactgc	tgccgcccct	ctggagagag	cagcttttta	tttgtctgta	gacagggaac	1080
atgatgggca	ctgacctcct	gtaaagaata	aaactgtggg	ccgggcgcgg	tggctcacgc	1140
ctggaatccc	agcacttttg	gaggccgagg	tgggcagatc	ataaggtcag	gagattaaga	1200
ccatcctggc	taacacggtg	aaaccccgtc	tctactaaaa	atagaaaaaa	aaactagtgt	1260
ggcatagtgg	catgtgcctg	tagtcccagc	tactcaggag	gctgaggcag	gagaatcact	1320
tgaacccggg	agggtggaggt	tgccgtgagt	tgagattgga	ccactgctct	ccagcctggg	1380
caacagagta	aaactctgtc	ccaaaaaaaa	aaaaaataca	accttgacag	atgtctctcc	1440
tggagacagc	aagaggggaag	aggagggaga	gggctctttc	ttagaaaaga	ggcctttggg	1500
gagcccagaa	gtttgaaacc	agcctgggca	attcagcaag	atcccgtctc	tacaaaaaat	1560
aaaaaaaaat	tagtcgtggt	gcca				1584

<210> 7778

<211> 1072

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1006)...(96)

<223> similar to gi825689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7778

tttttttttt	ttaagttgaa	aaataccttg	tttaagacct	ccctgggacc	cacaggggca	60
cgtgtggccg	taagcctgtg	gcagcccaat	cgttagcctt	tttcttcttt	gagcctctct	120
aagtacatct	gcagggactt	ctggatggag	tctttggaga	tgaagctgac	gaagttctgc	180
acgtccgcat	cgcgctgcgt	gaccaggcgg	ctggccgtgg	cctttcgcat	catggccttg	240
gtcagctgtc	gagcatggtc	tggaaatggc	atccactggg	ctatcgctga	cagcgcagtg	300
ctctgcacct	gctcctccgg	gaccacctgg	tccactatgc	ccacctgcag	ggcctccgcc	360
ggcgggaaga	gcagccccag	ctgcagggca	cgctccgcgg	cccggtgccc	gatggtgttc	420
tccagggtgt	ctttcaacca	gaaaggggcg	atgatgccca	gctgggtctc	attgagtcct	480
atgcagtacc	tggggttgtc	cgccaggatg	cggtagtcac	aggtcagggc	caccaggcag	540
cctccagcgg	ggcaggctcc	gttgatggcg	gagaccagca	ccagggttga	ctggtacaac	600

cgagccaca	gctcctgaac	ggccttccag	taccagcgt	agtgggcggg	gctcctccca	660
cacatctccg	tcaggtccag	gccggccgag	aagacaccg	ggcggtcga	ggtcagaatg	720
acaccgcgga	agctcttg	attctccagc	ttctccagc	tgatgaccag	ctccgtcaga	780
aactccaggc	tcaggtgtt	cactggggg	ttcttgaatt	tcatcacagc	gaccttgcg	840
cccgcgtccg	gctccaccag	caccgctgg	ctccgaagc	gccgcgcgcc	gtctccgccg	900
ccggccgccc	gctccgtccg	cccagggcc	gcgcccggga	gccgggcccc	cgcccgagc	960
agaacgcgcg	ccgggactcg	cacagaagcc	accagcgcca	tcttgaccgc	aacgcgcggg	1020
ataaaggctc	cgggctgagc	tcgcctcctg	gggagggggc	ggcacgcaac	ta	1072

<210> 7779

<211> 1878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (109)...(1108)

<223> similar to gi4895164 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7779

gccaacatct	tatcatctcc	ttctaaaaga	ggacagaagg	gtacccta	tggatattct	60
cctgaaggaa	cacctcttta	taacttcatg	ggtgatgctt	ttcagcacag	ctcccagtc	120
atccctagat	ttattaagga	atcactaaaa	caaattcttg	aggagagtga	ctctaggcag	180
atcttttact	tcttggtgctt	gaatctgctt	tttacctttg	tggaattatt	ctatggcgtg	240
ctgaccaata	gtctgggcct	gatctcggat	ggattccaca	tgctttttga	ctgctctgct	300
ttagtcatgg	gactttttgc	tgccctgatg	agtaggtgga	aagccactcg	gattttctcc	360
tatgggtacg	gccgaataga	aattctgtct	ggatttatta	atggactttt	tctaatagta	420
atagcgtttt	ttgtgtttat	ggagtcagtg	gctagattga	ttgatcctcc	agaattagac	480
actcacatgt	taacaccagt	ctcagttgga	gggctgatag	taaaccttat	tggtatctgt	540
gccttttagcc	atgcccatag	ccatgccc	ggagcttctc	aaggaagctg	tcactcatct	600
gatcacagcc	attcacatca	tatgcatgga	cacagtgacc	atgggc	tcacagccac	660
ggatctgcgg	gtggaggcat	gaatgcta	atgaggggtg	tatttctaca	tgttttgga	720
gatactcttg	gcagcattgg	tgtgatcgta	tccacagttc	ttatagagca	gtttggatgg	780
ttcatcgctg	accactctg	ttctcttttt	attgctatat	taatatttct	cagtgttgtt	840
ccactgatta	aagatgcctg	ccaggttcta	ctcctgagat	tgccaccaga	atatgaaaa	900
gaactacata	ttgctttaga	aaagatacag	aaaattgaag	gattaatatc	ataccgagac	960
cctcattttt	ggcgtcattc	tgctagtatt	gtggcaggaa	caattcatat	acaggtgaca	1020
tctgatgtgc	tagaacaag	aatagtacag	caggttacag	gaatacttaa	agatgctgga	1080
gtaacaatt	taacaattca	agtggaaaag	gaggcatact	ttcaacatat	gtctggccta	1140
agtactggat	ttcatgatgt	tctggctatg	acaaaacaaa	tggaatccat	gaaatactgc	1200
aaagatggta	cttacatcat	gtgagataac	tcaagaatta	cccctggaga	ataaacaatg	1260
aagattaaat	gactcagtat	ttgtaatat	gccagaagga	taaaaattac	acattaactg	1320
tacagaaaca	gagttcccta	ctactggatc	aaggaatctt	tcttgaagga	aatttaaata	1380
cagaatgaaa	cattaatgg	aaaagtggag	taattattta	aattatgtgt	ataaaaggaa	1440
tcaatttttg	agtaaacatg	atgtattaca	tcatcttcga	aaatagatat	gatggattct	1500
agtgaagacc	aaaattactt	ctgtttactt	tctatcagga	agcatctcca	ttgtaaatat	1560
gtattttacat	gtttattaca	aagacccaaa	tgaaaaat	ttagtccatt	ttttgcatag	1620
cctaaagata	aaataggaat	aaaaagttct	atattttatg	atcttctgta	tataaaactg	1680
gttttctaatt	ataacttaag	tccattaagt	aaaatctgta	ttgccccctt	aatgtaaac	1740

taaattat	gggagaa	tcaaccc	atatgag	agcaatg	atagggg	1800
gtataac	ccagttt	atgtatt	aaaatc	cctctat	atgaatt	1860
tttacatt	ggtaaaa					1878

<210> 7780

<211> 2819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (126)...(716)

<223> similar to gi5730476 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7780

tccctcagcg	tccggccgag	gcgcggtgta	tgctgagccg	ctgccgcagc	cggctgctcc	60
acgtcctggg	ccttagcttc	ctgctgcaga	cccgcgggcc	gattctcctc	tgctctccac	120
gtctcatgaa	gccgctggtc	gtgttcgtcc	tcggcgggcc	cggcgccggc	aaggggaccc	180
agtgcgccc	catcgctcag	aaatatggct	acacacacct	ttctgcagga	gagctgcttc	240
gtgatgaaag	gaagaacca	gattcacagt	atggtgaact	tattgaaaag	tacattaaag	300
aaggaaagat	tgtaccagtt	gagataacca	tcagtttatt	aaagagggaa	atggatcaga	360
caatggctgc	caatgctcag	aagaataaat	tcttgattga	tgggtttcca	agaaatcaag	420
acaaccttca	aggatggaac	aagaccatgg	atgggaaggc	agatgtatct	ttcgttctct	480
tttttgactg	taataatgag	atttgatttg	aacgatgtct	tgagagggga	aagagtagtg	540
gtaggagtga	tgacaacaga	gagagcttgg	aaaagagaat	tcagacctac	cttcagtcaa	600
caaagccaat	tattgactta	tatgaagaaa	tggggaaagt	caagaaaata	gatgcttcta	660
aatctgttga	tgaagttttt	gatgaagttg	tgcagatttt	tgacaaggaa	ggctaattct	720
aaacctgaaa	gcatccttga	aatcatgctt	gaatattgct	ttgatagctg	ctatcatgac	780
ccctttttta	ggcaattcta	atctttcata	actacatctc	aattagtggc	tggaaaagtac	840
atggtaaaac	aaagtaaatt	tttttatggt	cttttttttg	gtcacaggag	tagacagtga	900
attcagggtt	aacttcacct	tagttatggt	gtcaccaaaa	cgaagggtat	cagctatttt	960
tttttaaatt	caaaaagaat	atccctttta	tagtttggtc	cttctgtgag	caaaactttt	1020
tagtacgcgt	atatatccct	ctagtaatca	caacatttta	ggatttaggg	ataccgcgtt	1080
cctcttttcc	ttgcaagttt	taaatttcca	accttaagtg	aatttggtga	ccaaatttca	1140
aaggaacttt	ttgtgtagtc	agttcttgca	caatgtgttt	ggtaaacaaa	ctcaaatggg	1200
attcttagga	gcatttttagt	gtttattaaa	taactgacca	tttgctgtag	aaagatgaga	1260
aaacttaagc	tttgttttac	tacaacttgt	acaaagttgt	atgacagggc	atattctttg	1320
cttccaagat	ttgggttggg	ggcactaggg	gttcagagcc	tggcagaatt	gtcagcttta	1380
gtctgacata	atctaagggt	atggggcaag	gatcacatct	aatgcttggt	ttccttatac	1440
tctattatat	agtgttatte	atgattcagc	tgatcttaac	aaaattcgta	gcagtggaac	1500
cttgaaatgc	atgtggctag	atttatgcta	aaatgattct	cagttagcat	tttagtaaca	1560
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tatttgttta	aaaagattta	aaaatcattg	cactttgggtc	agaaaaataa	taaatatatc	1740
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tttacaccaa	ttcttccttt	aaaaatctct	gaggaatttg	ttttcgctt	actttttttt	1920
cttctgtcac	aatgctaagt	ggtatccgag	gttcttaata	tgagatttaa	aatcttaaaa	1980
tgtttcttat	tttcagcact	tacatcattt	ggtacacagg	gtcaaataag	gcaaataatt	2040

ttgtctttgt	ataatagatt	tgatatttaa	agtcactgga	aataggacaa	gttaatggat	2100
gtttttatat	tttaatatga	tcattttatt	ctatgtgtta	tgaaattcac	ttaatgataa	2160
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cactaaaatt	catattgaga	ttatcttggt	ttcttggaag	agataggaat	gagttcttat	2280
ctagtgttgc	aggccagcaa	atacagaggt	ggtttaatca	aacagctcta	gtatgaagca	2340
agagtaaaga	ctaaggtttc	gagagcattc	ctactcacat	aagtgaagaa	atctgtcaga	2400
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gatgagacta	ggtgctttgc	ttcctttcat	caggatatctt	tctgtggcat	ttgagaacag	2520
aaaccaagaa	acatggtaat	tactaaatta	tgaggctttg	ctttttgttt	gcttttaagt	2580
agaaaaacat	gttggaaca	ttgagttttg	gagttgattg	agataatatg	acttaactag	2640
ttttgtcatt	ccatttggtta	aagatacagt	caccaagaat	gttttgagtt	ttttgaaaga	2700
ccccaattta	agccttgctt	atttttaaat	tatttccatt	cagtgatgtt	ggatgtatat	2760
caattattta	gtaaataatc	tcaataaatt	ttgtgctgtg	gcctttgcta	aaaaaaaa	2819

<210> 7781

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (344)...(122)

<223> similar to gil825645 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7781

tttttttttt	ttcaacatct	aagtctttat	taagggtgagt	ttttacaaac	aagcatctat	60
cccagtgtgg	gggatgagga	tgggagagga	aagcggggca	ggaagatgag	gattctcatc	120
tattgataat	aaagctccag	gttcattccca	tctgtgattt	catagtcccc	cagagacacg	180
tggctcttaa	aaatcgtgta	ccacttcttc	aggacaatct	tgttccaacg	ggtaccagtt	240
tgggctgcaa	tcagcttctt	aaggctcccg	atggtatcat	ccgtgttgca	tttaacgcgg	300
accttcttcc	ccagacggtc	gttgcaaaca	acctcgatca	tcctagctgg	agctcgaatc	360
gcctcgaacc	tgccgacgcc	accagctcct	cacccgagcg	ctgaaccccg	gtcgcagtta	420
acgctaggaa	ccctcgtgcc	gaattcttgg	cctcgaggg			459

<210> 7782

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (503)...(1307)

<223> similar to gil495421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7782
ggcacgaggg ctgaactgct gagtctgaca cttaacagga cttcggcatt cccctgaata    60
cagactagat cagagatttt atttttttta ttgaaaagta acttgggttc tcttttagaaa    120
cccttatttg gtgtgcgcac ctggctatct cacagagatt tcagttttgc aaagaagtcg    180
gagttgattt cttccctcag acaagctatt ggttggttgg gggcaacaga agttgctcag    240
catagacagg ggaaaaaacg gttacggatg agactgaaag aaaacctcaa aggagaactc    300
tgagaattca tctcaggatg aagctgcaag ggcaaaggag aagtacttgt gacacaagca    360
aatgggtcca ttgatcaaca gatgcaagaa gattcttctc ccaactactg tacctcctgc    420
aacgatgaga atctggctcc ttggaggcct gctgccattc ctgctgctcc tctctggcct    480
gcagagaccc acagaggggt ctgaggttgc aattaaatc gacttcgact tcgcaccagg    540
ttctttttgat gatcagtacc aaggctgtag caaacagggt atggagaaac taactcaagg    600
ggattatttc acaaaagaca tagaagccca gaagaattat tttaggatgt ggcaaaaagc    660
ccacttagcc tggcttaacc aaggaaaagt tctacccagc aacatgacta ccacacacgc    720
tgtggctatt ttgttttata cattgaacag caatgttcat tctgacttta ctagagccat    780
ggcctctgtt gccaggactc cacagcagta tgaacgttca ttccacttca aatattttaca    840
ctactacctc acctcagcaa tccagctgct gaggaagac agcatcatgg agaattggcac    900
tctgtgctat gaggtgcatt ataggacgaa ggatgtccac tttaatgcct acacaggggc    960
caccattcga tttggccaat tcctttccac atccctcctg aaagaagagg cacaggagtt   1020
tgggaaccag acactattta ccatattcac ctgcctgggt gcacctgtac agtacttctc   1080
cctcaagaag gaagtcttga tccctcccta tgagctgttt aaagttataa atatgagcta   1140
ccacccaaga ggagactggg tgcagttgag gtcaactggg aacctgagca catataactg   1200
tcagctgcta aaagcttcca gcaagaaatg catccctgat cctatagcta ttgcatctct   1260
ctcctttttg accagtgtca tcatcttttc caaaagcaga gtataaagaa atcttgtggc   1320
tccttttatt taaaaaaat atttaaataa aatctttttt attggccttt tggctagaaa   1380
tggacattta ttttccagga aggatgatcc catcatactt ctgctgaaac cagcgcagtg   1440
ccccctcttt gctaattatc ttatgccttt ccttggacg                               1479

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<210> 7783
<211> 1294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (258)...(1156)
<223> similar to gi205595 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 7783
aattcgcccc cgctgcagga attctgcacg agcggagtct tattgtgtcg ttatttggac    60
aagaggcaca ttgacccaat ttggagacgt attttggag gaggtgtgaa aaagacagca    120
tgaactttac cccaacacac acccctgtct gcagaaagcg aacagttgtc tccaaacgtg    180
gtgttgccgt cagtgggtccc accaagagga ggggaatggc agattcactg gagtcaaccc    240
ccttgccctc ccccgaaagat cgtctggcca aactccatcc ttctaaggag ctcttggaat    300
attatcaaaa gaagatggct gagtgtgagg cagaaaatga ggacttgctg aagaaactgg    360
aactctacaa agaagcttgt gaaggacagc ataaacttga atgtgatttg cagcagaggg    420
aggaagagat tgctgaattg cagaaagctc taagtgatat gcaggtctgc ctcttccagg    480

```

aacgggaaca	tgttttacgc	ctctactcag	aaaatgaccg	actgagaatc	agggagctag	540
aagacaagaa	aaagattcag	aatctcttgg	ctcttggtgg	aacagatgct	ggagaagtga	600
cctatttttg	taaggagcct	cctcacaaag	tcaccattct	ccaaaagact	atccaggctg	660
taggtgaatg	tgagcagagt	gaatcttcag	ctttcaaagc	agatcctaaa	ataagcaaaa	720
gaagaccatc	gagagagaga	aaagaaagtt	ctgagcatta	ccaaagagac	atacagacac	780
tcctcctaca	ggtggaagca	ctgcaggctc	agctggggaga	gcagaccaa	ctttctcgag	840
aacaaattga	agggctcatc	gaggacagac	ggattcacct	tgaggaaata	caagttcagc	900
accagagaaa	tcagaacaaa	atcaaagagc	taaccaaaaa	tcttcaccac	acccaagaac	960
tgctctatga	gagcaccaaa	gattttctgc	aactcagatc	tgaaaaccaa	aataaagaga	1020
agtcatggat	gcttgaaaaa	gataatttga	tgtcaaagat	taagcaatat	aggggtgcagt	1080
gtaagaagaa	agaagataaa	attggaaaag	tgttgcccg	tatgcatgag	agtcaccatg	1140
ctcaaagtga	atatattaag	gtaatgtcct	tatgtcgtaa	cgaagttggt	tatttttctg	1200
ggagagttga	aggaattcca	aagaacctac	aatttgtaat	gtaagatcca	ttcagtcacg	1260
gaagctctgg	tagcagctgc	ctcaagaact	aggt			1294

<210> 7784

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1151)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (148)...(569)

<223> similar to gi4929751 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7784

tttgaacggg	tgtatgactt	ctgcacgagg	tttccggaag	acgtggcgcc	tctcgccctg	60
gctgtttccc	ggcttcattt	ctcccgaact	agcttcccac	cctgggcttt	ccgaggtgct	120
ttcgccgctg	tccccaccac	tgagcccatg	atctccttaa	cggacacgca	gaaaattgga	180
atgggattaa	caggatttgg	agtgtttttc	ctgttctttg	gaatgattct	cttttttgac	240
aaagcactac	tggctattgg	aaatgtttta	tttgtagccg	gcttggcttt	tgtaattggt	300
ttagaaagaa	cattcagatt	cttcttccaa	aaacataaaa	tgaaagctac	aggttttttt	360
ctgggtgggt	tatttgtagt	ccttattggt	tggcctttga	taggcatgat	cttcgaaatt	420
tatggatttt	ttctcttggt	caggggcttc	tttctgtctg	ttgttgggcn	tttattagga	480
aggagtggcc	agtccttggg	atccctccta	aattttacct	gaattagatc	atttgttagat	540
aaagtgggag	aaagcaacaa	tatggtataa	caacaagtga	aatttgggaag	actcatttaa	600
aattatttgt	tattttataaa	gtcatttgaa	gaatattcag	cacaaaatta	aattacatga	660
aattagcctt	gtaatgttct	ttacaggagt	ttaaaacgta	tagcctacaa	agtaccagca	720
gcaaattagc	aaagaagcag	tgaaaacagg	cttctactca	agtgaactaa	gaagaagtca	780
gcaagcaaac	tgagagaggt	gaaatccatg	ttaatgatgc	ttaagaaact	cttgaaggct	840
atttgtgttg	tttttccaca	atgtgcgaaa	ctcagccatc	cttagagaa	tgtggtgcct	900
gtttcttttc	tttttatttt	gaaggctcag	gagcatccat	aggcatttgc	tttttagaag	960
tgtccactgc	aatggcaaaa	atatttccag	ttgactgtga	tctctggaag	tgatgcatga	1020
attcgattgg	attgtgtcat	tttaaagtat	taaaaccaag	gaaccccaa	ttttgatgta	1080

tggattactt ttttttgtaa acatgggttaa aataaaactt ttgtgggttct tttgaatttt 1140
 aaaaaaaaaa 1150

<210> 7785
 <211> 1497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1347)...(882)
 <223> similar to gi5825596 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7785

tttttttttt	ttcaaaatgt	ggatattgtt	tacttgaagc	aacagtccag	gattgtgaag	60
tacaacacat	tttaaggatg	agactttcct	ttcatggtca	agcaccagca	tcatgcacac	120
agcatcaggt	tattttaaac	aacacgcctg	tgggaccccg	ttcctggagg	aagaccgct	180
tcagtgtgat	tgccctccct	gcttcactgc	ttttagttcc	aggcagtttc	attgtacatc	240
caagccttcc	tctgcgtgag	agcaaaggct	ttgctcatca	gccagccagt	cttgttacta	300
tctggctact	ttttaagggt	aaaaataaaa	aggcagtttc	tttgctttgc	aggcggcaag	360
gcaggaggcg	caggcctcct	cattgttcac	atgtcacagg	aggaggctct	gagcaaaggc	420
cactggcaag	ttagggcaac	accaagaagg	ctctgcggag	agactccctg	tgggttgggg	480
cctggcagga	acgggtgcctg	tggactgttt	atgggtctgtc	cagttgaggc	ttggtaaacc	540
caagtaaagt	gttaaaaacc	tcagtacaaa	agatcctcct	aacacatctg	ggaaccaa	600
tattttcttct	taaaaacaca	gtactaagtg	ttcacaaagc	ttttccctcc	cattctacta	660
cttggaac	acttcatgcc	catggggccc	acagacccca	agagttcaag	ggtcagagag	720
aaacctgttc	ttcaaaagaa	aaaaaaaaaa	gacagcaagt	acataaagtg	cttcttttta	780
atgaaacaaa	tccaagagat	gtacagtcag	gctcaagttg	tgcaagttac	aagcatggag	840
gaaacagaca	gaacgacagc	gttcaggaca	gtcagagcta	acccaagacg	aggctggact	900
tgccgccagg	gggatttctt	ctggatggca	ctggggccgg	ggccaccggg	ctgggcacag	960
gcgcagcagg	cacgggcttc	tcttcactct	gccccaggct	gcctggcaag	tctgtgtcca	1020
cattttcatg	aatatcacct	tctcccttca	gatctaagaa	gtctccggag	cttgcttcag	1080
aggagtctct	tctctgcagt	ccagatgact	ccaagtcttc	cctgccacca	ctagacttgg	1140
cacctgctga	cttgggccaa	gaagcttgat	tttcttcagg	tgtcccaaag	atattagagg	1200
ccattttgtt	cttcctcaca	ggttggtctg	ttgggttcac	aaaaccta	gaaaaattgg	1260
atccaccacc	tggaggccgc	aaaactcggg	agctattcct	gctgttgggg	tcgactccct	1320
tgaagggtgt	ggttggtgtc	atggcgccga	ggagcgaggt	aggctggcgc	cggagcagaa	1380
cgctcaaagg	gtcggacccg	aggggcgctg	ggaaactcca	caccaacag	ccgaccaccg	1440
ctgctcgtgc	cgaattcctg	caggcgggtc	tatcgaggcg	ctcattgggg	ccccact	1497

<210> 7786
 <211> 1744
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(1745)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1258)...(123)
<223> similar to gil89613 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7786
aggtgggggtc ttttaaaagg gcccccccttt tttttttttt tgtataaagg cactttatatt 60
taaaatcaac acatcctgct tttataaatc agttactctt catttccaac ttccatcacc 120
tgagtgttgag agcagagtgc gtggtatatt tctgggctta aggtataaac tgacatggca 180
ttcaagaaca tgtccagcgg gcagagccca tcagggcaac ctctcggcac ctgctccttc 240
ccgtggtaat agagctgcac aaaccactcc ttagattcca ggtgctggta aagttccatg 300
gtcaggtcaa cagcaaacgg tggccatttg tggcaaaaa tccccagggt cattaagagc 360
ggtatgaagg tcacatcatg agccgcatag agatacagct ttctgatctt gtcgggggca 420
gtggcagagt ccatggcttt cagcaggttg ctctctagga tgtggaggaa tgggcctact 480
gccatctgaa gactttccct gtcttccttg ggcagtatgt acaaggatgt gtccacagct 540
ctctgttcga tcatccgtgc aaatctcttc agcatggggc agcttgggag gttgtgtgcc 600
tgctcggcag ccacgttgtc caggaggatg aagaagtcca ctttatcact actgtcaatg 660
cccacctgt ccttcacctt tttcaaatcc tctgagattc ctggctgtaa agaggcagtc 720
tgctcgggc ctctggttct ctgcctcagg ctccagcagc tttggtagtt gggatacaag 780
acttctgaat ctgcttcctc agtgtggatg atgatgggtc cttctttctg aacttgaaa 840
agcccagcca gcaaacaacg ggtggactcc agattccgaa aaatgttagt ggaacgaata 900
aagacctcct gtgggttgaa ggttggtgaa agaaagggaa tgtcttcac atagtctctc 960
ctcagtctct ctccaaggc aaacatttgc tgcagccca ccttggtcag ctgccagca 1020
aacatgcccc ccttcagggt ggtctcatgg tattgagagt cgtaaggaga atatggtttc 1080
ggaccaccag ctagattggg gactgtgtaa tcaaactgag tttggggtgg gacctctaat 1140
agctgggggt tccactctac ctgctcctcc agcgggagcg gcttgagagg actccgagcc 1200
ccgtgtcgaa acacgacctg caccattttc aacttcagca ggctgcggtc gaccggacac 1260
tggccatcgg cctcctgcag ctcggccagg gccaccgcc gctggtgcag gcagtaagcc 1320
agcgaggtca ggacgccac tggggtccac aagcgcagtc tgaacacacc agtgatcatg 1380
gtggtagggc ctgctgccc tccgggttga ggctgcagga ggcaaacaca agtcttctgc 1440
gggcgcgggg gctcagcggg cgcgcccaag tccgcgggaa cctgcggatg cgtacatcca 1500
gcccttcagc aagcagggac cgtgtgcct cccggccctg agggagaccc cgagtgggaa 1560
cgggggagag aacaagaggt ggcagcagcg aagatccct gggagtttta acccggttcg 1620
gggttggtcg ctctgctgc acaccgggc gggggagatc ggatccttat cttttgcccg 1680
acgaggaaca ttcattnggna cccaagttg gcgnattccn ccgcnetggn gtagtgtact 1740
cgaa 1744

```

```

<210> 7787
<211> 2743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (2419)...(1158)

<223> similar to gi49680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 7787
tttttttttt aagtgggaatc agctatatatt tctacatttc cttttttattc atcctttttca    60
tataattgat gttcttatag aaaactctgt aacagtcatt tcatttaaatt attatccgac    120
ctgaaagaaa ccatgaatca gggatcagac aaaaatacat gatcaacttt tacacatttc    180
agtaggtgaa ggaccagaaa gaatcttaga aatcactgag cttcatacct ggctgtacag    240
acaaggaagc tgggaccag agaggggtgca gagttccagg gtaagaggcc cggctctctaa    300
ccttccagct cactgctctt ttctgtctata ccagggcacc gctgtgcagt catccaggct    360
gccggggact agcttccccg acatggcaac aaaaactaca gaactcgctc acatcttaaa    420
catggccaac cttgactctg ccaagatata aggttttagaa tgagttgcta acattcaatt    480
tacagaattg gatttgaact ggaagacaga ctttccttag cactggtatt tgggtggaagt    540
ttataaaactg gtatttggtg gaagttttaa cactggctct tataagagct aaaccccggtg    600
tgaggaaaagt tgctgtaaca acatcatagc acctttgctt caacttcaaa agaaaaaaag    660
gctatggtaa aaagctttaa taacagacaa tgtgatttca taggcaacca attagcagat    720
taatggatca tttaactttc ttactttaa accaatactc cactcaagaa agatgaaccc    780
aaaatgcac ctctaactc gaccaacata actaagtaca aatgaagtca atggtgtacc    840
ccattagcat gctgcgttgt atgtcaataa aacaagccct cccccaccc gagccctggc    900
ccctggcaaa acatagataa atgattgtgc actgcgtgat gataccatta ggtgagaact    960
ttggttcatg cagtcggctg ccgcagaggt tgcacccaaa acccgagca ccggcaccca   1020
aagtcagtc gcggtggtg ctcagtggtg cagccgtgct ccttccacaa caccaggtga   1080
atactgtggt caggtcatgct ggtggcaag accaagcccg tgtcattgtg cccatccagt   1140
ccattcagcc aggatgcttc gcctgccagg aagcttgagc ctctctttga tttcctgtac   1200
tctggcagag gccagcgact aatcaggctc tctgtccgca agtccatgat gtacaggtag   1260
cggttgtcaa acagcagggc aaagatatct ccaaagccaa gcaaggccaa gtttgctatc   1320
tcaggagtct tgatgaccct gagaatatca taactggcaa agtcccactg gtagagacca   1380
agtgtgaac tacagacaat gtatttgcca tcaaaatgaa gtcttggtg caggcagata   1440
cttctatcct cagagacaga caatgtcttt aagcacttac agttgatttc tctcccaatt   1500
ggccaaatct taatctcata tttgtctgca cttaagagga tgtagtctcc aggactgtgc   1560
aagagagact tgactttgca cttctgcaaa actaccttgg tgaccattc cgtgtgcccg   1620
gtgagtgtgt tcaggcatgt cccagcagat aaagcccata ctttcacagt gaagtctgca   1680
gagccgctca ccaagatatc cagttcatca ttgtagtcca cgctaaatac cgcccccggtg   1740
tgcccccgaa agtgctgggt cctggctccg gaactccatt cccagcaagc cacagtgttg   1800
tcaaaggagc ctgtcacaag cttctgttca tcaaacttca ccgctgcaca agtgtgggtc   1860
tggtatgccat aaacgcactg ccctgtgtc acatcccaca gctttgcaga caagtcatct   1920
gaccctgtac agagaagtcc atctttgtag taaagtgcac acactctggc actgtgtcca   1980
attaatgacg aggtttcaaa ggcttcattg tcctccagtt gcttcattct caaaatagcc   2040
ttcaaataaa ccttcttcca gtgcaaagcg tcctgaacag aatcatctat ctgccagccc   2100
aaatttttac atgcagtctg ccacacctct gtacaggcac ttatcacctt attccactgt   2160
ttagagacga ggcagcatgt gagtaaagtc tgaggatcga gccattttaa caaataaaaa   2220
ctgagctcca ggggaaggag tttgaggaag tcccgttga ggagagtctc taggttattg   2280
gagagatgcc tgagctggac tgccccactc agactaatca ggtgatccag agtttcattt   2340
ttctgcaagt ccgtcagaga aagaaatgta acagaaatgt tatccagcca tgtctcaaag   2400
tcctttctct ccataaggtt atggaaaaat ttacctgttt tcatggcata cccacaatta   2460
tggcgcagta tagcgctttg tacttcataa accacctcat cacacttcat cgtctttcaa   2520
acgtttggta gccctgggac atcactgtta actcatttcg cagctaagga aatggaggca   2580
gtaggaggca gtaactccaa aaccctgttt tcccgtctct aaaatccaga tcccatcaac   2640
ccattcggtg ctcccaggct ccttgctctc ggaatcgtgt tccgcgcggc actgacctga   2700
gcgagcgcgc ggggcccggg acctcgcgcc gggttcacag cta                    2743
```

<210> 7788
 <211> 1557
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (193)...(1558)
 <223> similar to gi4590042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7788

ctgaaaagac	actaagaaaa	attttacgaa	tgggatgaac	atgctccagt	taattgacta	60
cctactgcaa	tttgaatggt	aacattaccc	catctggtac	agttacctag	tgatgtacct	120
attttcacaa	taccctgttt	cagtgtgctt	gtcttgatta	aagaattcaa	agtggagtac	180
cgcaaacttg	atatggaaaa	taaaaagaaa	gacaaggaca	aatcagatga	tagaatggca	240
cgacctagt	gtcgatcggg	acacaacact	cgaggaactg	ggctctatct	gtctggagtt	300
ttaatgggtg	gacctaaact	tagagttgga	aaaaaaattg	gatgtggcaa	ttttggagaa	360
ttacgattag	ggaaaaat	atacacaat	gaatatgtgg	caattaagtt	ggagcccatg	420
aaatcaagag	caccacagct	acatttggaa	tacagattct	ataagcagtt	aggatctgga	480
gatggtat	ctcaagttta	ctatttcggc	ccttggtgta	aatacaatgc	tatggtgctg	540
gaactgctgg	gacctagttt	ggaagacttg	tttgacttgt	gtgacagaac	atttctctt	600
aaaacagttc	tcatgatagc	tatacaactg	atctctcgca	tggaaatagt	ccattcaaag	660
aacttgatat	acagagatgt	aaaacctgag	aacttcttaa	taggacgacc	aagaaacaaa	720
acccagcaag	ttattcacat	tatagatttt	ggtttgcaa	aggaatatat	tgatccggag	780
acaaagaaac	acataccata	cagagaacac	aagagcctta	caggaacagc	tagatatatg	840
agcataaaca	cacatttagg	aaaagaacaa	agtagaagag	acgatttaga	agcttttaggt	900
catatgttca	tgtattttct	gagaggcagt	cttccttggc	aaggcttaaa	ggctgacaca	960
ttaaaggaga	ggtatcagaa	aattggagat	acaaaacggg	ctacaccaat	agaagtgtta	1020
tgtgaaaatt	ttccagaaat	ggcaacatat	cttcggtatg	taagaaggct	agattttttt	1080
gaaaaaccag	actatgacta	cttaagaaag	ctttttactg	acttgtttga	tcgaaaagga	1140
tatatgtttg	attatgaata	tgactggatt	ggtaaacagt	tgccactcc	agtgggtgca	1200
gttcagcaag	atcctgctct	gtcatcaaac	agagaagcac	atcaacacag	agataagatg	1260
caacaatcca	aaaaccagtc	ggcagaccac	agggcagctt	gggactccca	gcaggcaa	1320
ccccaccatt	tgagagctca	ccttgacgca	gacagacatg	gtggctcggt	acaggttgta	1380
agttctacaa	atggagagtt	aaacacagat	gacccaccg	caggacgttc	aatgcaccc	1440
atcacagccc	ctactgaagt	agaagtgatg	gatgaaacca	actgccagaa	agtgttgaa	1500
atgtggtgct	gctgctttt	caaacgaagg	aaaaggaaaa	ccatacagcg	ccacaaa	1557

<210> 7789
 <211> 1421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (828)...(517)
 <223> similar to gi2072790 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7789
cctttttttt tttttctctg aagtgggtgaa ttttaattatt gtataaaaaa tccaacttgt      60
tccacaagta catatgtcct atgattttat gcatacatcc atatacatat atcaaggtaa     120
agtccaatac aaaaaaacag catttcctat ggccagtgtt ctacagaagt aagactgtgc     180
aaactttatc gtatagtcaa atgagattgc acactaaggc aggatgaggc agaagcaagt     240
tgtgtccaca gtatattaca aaataccttg catagcttat tcattctcac ctggtaaatt     300
catcttagaa ttctgaagga tttttttcct agataaattt atacaagtta gtgtataact     360
cttgtctttg ttctgtggca aaccagggtt ctcagtactg attgttttac ttcacaacat     420
tattgattta acaatagcct gagctttggg gctctgcact gcgttcattg taatccgtga     480
tacaatgact acaaagtgtg cgcgatttct aatcttcacg tgtatctcag gcgattttcc     540
agggttcca ttctctgtgt catttcttct aagcgctgtg ttaattttct tacttcttcg     600
tttgcaagggt tctggaacat tataagggtt tcacatttgc attgatcgtg tttttcttcc     660
aaagggcttc ctgaagggtt tgttgaatgg gaaagctttt gtgtagaccg taaaagattg     720
tcttcttcaa acagatatct gtgttgactt gttggctgtt ggaccgtttt tggcagttcc     780
cctgctggag agtcctgtct tccatcggag tcttctagag ctgagcagaa aaagatgacc     840
aaaagaagtg atggttgtcc acaggcatgt gtgtgttctt caggaagctg gtcccagacc     900
acctccttac ctacctgcca taacctaaag ttttttagtt ttgtttggtt acaccaaaga     960
ttcaaaaaag cagttgggta ccatgatact tatgaccact ctagggaat tctctctcgt    1020
aagagaagct tggacccctt aagtacatct taagaatgct cccaaaaatg tcatgtctag    1080
aaagtagggc agaaaaaaa ggtgaagttg ttgagggatt ttagttgcag tggcagcagc    1140
tccacttgag gcattttaac ttgcatgaaa caatcaagag gcaaaacatt ctctactcag    1200
aaatctgaaa ggcccttcct ccctgttacc cctcatctca agagttcttt ccctagaggg    1260
gtaagacaca gcacttagac tgggatctaa ctggtgagcc ggggacatga gtacaaggaa    1320
aaataggcag aactgctatc tgtaagcata tctggcgagc ttagtaaact ggagaaaagc    1380
atgcataaca aaatctgaag tctaaagggc agtctgatat t                                1421

```

<210> 7790

<211> 1066

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (915)...(209)

<223> similar to gi3135314 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7790
tttttttttt ttatcatttt aaaaatgtat tttattcaac ttggaaaatg agtacaaatc      60
cctgggtgtt ttttgtcagg gaggagtggg gagtaggcag gaaagagaag agggtaggag     120
gcaaggtaag gtatgagcat cacagtggct gcctcaagac cctgccaggg gaggggtggg     180
tgggctgggg gttgagcacg gagctcaggt ccggaggaac accatggtga ggaggcccaa     240
gacgtaggcg gccaccaact tttgtccagg ggagacgtgc aggacttgag gcagctggct     300
gccgagttcg tccgggagtg ggagcagcag gaaggccaca gacacaatcc ccgtcagcaa     360
gaagaggagg aaggagctgg tggccagttg ctggcggggg tgctcctgga agtgtctggc     420

```

cgtgggtggt	ggtgtcccag	caggaggccc	tgggcgaggc	gctggatctg	gctgtccctg	480
aagctcaagg	gggtacgctg	gggctctcag	aatggaggta	atgtccttgc	gtcccaccac	540
tcggccctca	gtccttccct	cagacagctc	aatgcggaag	cggtcctgga	catcatagt	600
gctgggaatg	ggtgccacat	ggcgaatcac	aatgtcaatg	caagactggg	gcttcacata	660
tccctctgcg	tcaaacaccg	tgtatttggc	aggtgctgtg	cacaggactc	ggaagcgaag	720
cgcagttcct	gtgggggttat	agagggtcag	cagctgtcgg	ggcccgctcc	gctgggtccgc	780
cctgaatact	agatccgggg	gaaagaccag	gaccgggaca	acgggtccca	agggaggagg	840
ggcgccccgg	gacccccgcc	cagggggccc	cggacccacc	agctcctggg	cctggggcgc	900
cccacggcgc	atgcaggctc	tgggcggctg	gacatccgag	ggcagagctc	aggggacagg	960
gcctggagtc	agagcttgtg	gttaaagcac	ctgccagtca	gcttgtggtc	agattaatgt	1020
tgccatgttc	cagagagtcc	ttttctatac	ttccgccgta	cggcct		1066

<210> 7791

<211> 3913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (264)...(1984)

<223> similar to gi28969 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7791

gctgcgtcca	gtgaacactt	cagcacctgc	agcacagaag	ggccaaggag	ctgcagtcct	60
cgaccagcag	gaggtttgct	cctcagccca	ctcgctgcat	ccagatcagc	tcacccctct	120
cccttccctg	cccaccagga	ctctgatagc	ccctggcagc	cacagcccat	tttgccaaga	180
tgtctagagt	agccaaatat	cgccggcagg	tgagtgaaga	ccccgacatc	gacagcctgc	240
tggagaccct	gtctcccag	gagatggagg	agctggagaa	ggagctggac	gtgggtggacc	300
cagacgggag	tgttcccgtg	gggctgcggc	agagaaacca	gacggagaaa	cagtccacgg	360
gtgtgtacaa	ccgggaggcc	atgctcaact	tctgtgaaaa	ggagaccaag	aaacttatgc	420
agaggagat	gtccatggat	gaaagcaagc	aagtggagac	caagacagat	gccaagaatg	480
gagaggaaa	gggcagagat	gccagcaaaa	aagccctggg	ccccagacgg	gactcagatc	540
tggggaagga	gccaaagagg	ggtggtttta	agaaaagctt	ctctagagac	agagatgaag	600
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tgactgtcac	caatctgctc	agccgcaaca	tggacaagca	gagacaaaag	cggctgcagg	1620
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aggaccaggc	tgccaggcac	catctgccaa	tgccatgact	gctcaggcct	cacctcccag	2040
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ccatgggaga	gtccaggcct	gggtcacgct	caaggaagga	tgcttatctt	cttctcactt	2160
tccttttctt	gtctctgagg	ctctccaaat	tttgcttttag	tacatggagc	tcaggtttct	2220
ggacaagaag	agtcctttta	gcacatcact	tgagaagatg	gcactgtcca	gggcccaggt	2280
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tacaaacctt	tagctgtgaa	tggtgtgtgc	ccacctgttg	tcctgaactg	tgagtctga	2760
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gccccactgc	acccccctgt	gcctgctggg	cactgggcac	tagctagatg	ctttaggttg	3780
cttcagctga	tccttcaact	ctgtgaggtg	gataccaata	ttctattttg	cagatagaat	3840
ttggcccaga	gaggttaact	aatatatcca	tgatcacaca	gctaataaaa	gtcagagctc	3900
aggaaaaaaa	aaa					3913

<210> 7792

<211> 1231

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (175)...(677)

<223> similar to gi5924319 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7792
ctagaccctc ttctctccct tcggctttctc tcttttcggcc ggcgcgcgcca gttcctgggg 60
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tgagtcgcc cggacctgag aggctgctgc actgggcctc agccagccct ccgcatgctg 180
gtgctgccat cccctgccc tcagcctctg gcattttcct ccgttgagac catggagggc 240
cctccccgtc ggacttgccg ctccccagaa cctggacctt cctcctccat cggatctccc 300
caggcttcat ctctccaag gcccaaccac tacctgctta ttgacactca ggggtgtcccc 360
tacacagtgc tgggtggacg ggagtcacag agggagccag gggccagtgg ggctccaggc 420
cagaaaaagt gctacagctg ccccggtgtc tcaagggtct tcgagtacat gtcctacctt 480
cagcgacaca gcatcaccca ctcgagggtg aagcccttcg agtgtgacat ctgtgggaag 540
gcattcaagc gcgccagcca cttggcacgg caccattcca ttcacctggc ggggtgtggg 600
cggccccacg gctgcccgtc ctgccctcgc cgcttcgggg atgcgggtga gctggcccag 660
cacagccggg tgactctggt ggaacgccc tttcagtgtc cacactgcc tcgccgcttt 720
atggagcaga acacactgca gaaacacac cggtggaagc atccatgagc cgggctgccg 780
ggtgccccag gtaccacagg actttgcagg gagcctggac tcctgtccag acacctggtg 840
agagcctgag gctggtgttc agggccctgg acacagacac agagcagccg catctcaaag 900
gcagagccct gcctgaagga ggaatccgtg agtaatcttc aggtcctccg tgttctggag 960
ctgagatggg aatgagcccc tacacagaat ggagtcctct agcctaaaga tatcagctgt 1020
tccatggcag agccttgact ggatggagggt ggggagtgtg gtgtgtaaag tctctggcct 1080
cataaaaggt ggctgtgggt cgtcaggaat ctgcgccatc ttctggggg cttctgcggc 1140
tgttgttggg ggaagggacc ccagtcctgc cttccacccc ccaaccaggc ctgagactga 1200
tcaaacaata aacacgtttt cccacttttg a 1231

```

<210> 7793

<211> 1183

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(722)

<223> similar to gi452320 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7793
gaaaacttct tcctggcctg ggctccgtgc cgctctgttt gccaacgctc cagtcccgcc 60
taccagtgcc gggcgctccc caccctccc ccggtcctcc cgggtgctcg catggccaaa 120
gcctacgacc acctcttcaa gttgctgctg atcggggact cgggggtggg caagacttgt 180
ctgatcattc gctttgcaga ggacaacttc aacaacactt acatctccac catcggaatt 240
gatttcaaga tccgcaactg ggatatagag gggaagaaga tcaaactaca agtctgggac 300
acggctggcc aagagcgggt caagacaata actactgcct actaccgtgg agccatgggc 360
attatcctag tatacgacat cacggatgag aaatctttcg agaattattca gaactggatg 420
aaaagcatca aggagaatgc ctcggtggg gtggagcgcc tcttgctggg gaacaaatgt 480
gacatggagg ccaagaggaa ggtgcagaag gagcaggccg ataagttggc tcgagagcat 540
ggaatccgat ttttcgaaac tagtgctaaa tccagtatga atgtggatga ggcttttagt 600
tccttgcccc gggacatctt gctcaagtca ggaggccgga gatcaggaaa cggcaacaag 660
cctcccagta ctgacctgaa aacttgtgac aagaagaaca ccaacaagtg ctccctgggc 720
tgaggaccct ttcttgccct cccaccccg aagctgaacc tgagggagac aacggcagag 780

```


ggagt	gagca	ggggagaaat	agcagagggg	cttgagggt	cacataggt	gatggtaaag	840
agaat	gagga	gaaaaaggag	aaaaggga	agcagaaagg	aaaaaaagga	agagagagga	900
aggga	gaagg	gagaggaatg	aattgaggaa	gtgaaagaag	gcaaggaggt	aggaagagag	960
ggagg	aggaa	aggaaggaga	gatgcctcag	gcttcagacc	ttacctgggt	tttcagggca	1020
aacataaatg	taaatacact	gatttattct	gttactagat	caggtttttag	ggtcctgcaa	1080	
aaggctagct	cggcactaca	ctagggaatt	tgctcctgtt	ctgtcacttg	tcatggtctt	1140	
tcttgggtatt	aaaggccacc	atttgcacaa	atgaaaaaaa	aaa		1183	

<210> 7794

<211> 1582

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (306)...(1453)

<223> similar to gi4325086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7794

accctggagc	tagcgtcatc	gcgaaggaa	tcccacgacc	ggatggaaga	gcccagctga	60
cacaaccaag	acgagtctca	gtgtctaggg	aagcttgggg	ttctgctcct	tttacttcag	120
gcgaacctga	actcagttaa	tgcaattttg	aagcatgccc	tgaatagatt	cagtcattat	180
caagtcaaac	taaaaacggg	gaaagggtgc	gactattacc	aaataggaaa	aacctgaaga	240
cataagaact	acacatgagg	aatatgtcat	ttagcacttt	cactttttga	tctccacaga	300
agacaatgag	aagtcatacc	ataacaatga	cgacaacttc	agtcagcagc	tggccttact	360
cctcccacag	aatgcgcttt	ataaccaatc	atagcgacca	accgccacaa	aacttctcag	420
caacacccaaa	tgttactacc	tgtcccatgg	atgaaaaatt	gctatctact	gtgttaacca	480
catcctactc	tgttattttc	atcgtgggac	tggttgggaa	cataatcgcc	ctctatgtat	540
ttctgggtat	tcaccgtaaa	agaaattcca	ttcaaattta	tctacttaac	gtagccattg	600
cagacctcct	actcatcttc	tgccctccct	tccgaataat	gtatcatatt	aacccaaaaca	660
agtggaact	aggtgtgatt	ctgtgcaagg	ttgtgggaac	actgttttat	atgaacatgt	720
acattagcat	tattttgctt	ggattcatca	gtttggatcg	ctatataaaa	attaatcggg	780
ctatacagca	acggaaggca	ataacaacca	aacaaagtat	ttatgtctgt	tgtatagtat	840
ggatgcttgc	tcttgggtgga	ttcctaacta	tgattatttt	aacacttaag	aaaggagggc	900
ataattccac	aatgtgtttc	cattacagag	ataagcataa	cgcaaaagga	gaagccattt	960
ttaacttcat	tcttgtggta	atgttctggc	taattttctt	actaataatc	ctttcatata	1020
ttaagattgg	gaagaatcta	ttgaggattt	ctaaaaggag	gtcaaaattt	cctaattctg	1080
gtaaatatgc	cactacagct	cgtaactcct	ttattgtact	tatcattttt	actatatgtt	1140
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gctactggaa	agaaattggt	cacaaaacca	atgagatcat	gctgggtctc	tcacttttca	1260
atagttgctt	agatccagtc	atgtatttcc	tgatgtccag	taacattcgc	aaaataatgt	1320
gccaaacttct	ttttagacga	tttcaagggtg	aaccaagtag	gagtgaagc	acttcagaat	1380
ttaaaccagg	atactccctg	catgatacat	ctgtggcagt	gaaaatacag	tctagttcta	1440
aaagtacttg	aggtaaacat	actaaaatga	attaagaggc	tgcattatat	ccagcagcag	1500
gtgtgaacac	cctgggggtga	tgctggggct	gagtgaattg	gacatttttc	agcagggaca	1560
cccaggccag	tggcggtctt	tt				1582

<210> 7795
 <211> 1230
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1231)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1074)...(279)
 <223> similar to gi5912229 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7795

tttttttttt	ttctgataaa	attatgtttt	aattgcctat	ggcatatatt	acataatggc	60
tcaaaattaa	tagtctggct	gaaattaaga	aaaacagctg	atgatgactt	agttaaactcct	120
taattttaag	taagcttttg	gccaaaagtc	aggggtagaa	ttgactcaaa	attaacagcc	180
ttcaccatct	tttattcatt	ctgctgtgat	acaactaaaa	tggccagtaa	attctcccct	240
gggtctcagg	taacagtttt	ccaaaagtga	agtatcactt	tctctgcaca	gtggtgaaag	300
ccggcatttg	gatgggctgg	atcgggtgga	caggetgaaa	cactggcttc	tttctcactt	360
cagagtgtgt	tttactgca	gggagcagct	gattcctttt	gatgatctgt	aaggccagct	420
gagtattacc	attctgcagt	tcaaggtaga	ctgccagcaa	gatggcctca	gggggcacct	480
ctttaggatg	gatcattgaa	gccgcctggt	ggagacactt	tcgggctttg	tcatattcgc	540
tcctcaggca	gtaagcgtg	ccaaggttga	acagcatcac	agtcctggca	gagttgacgg	600
aactggggta	gcactgaggg	gcccgtttac	cagaggattc	cattgcttca	ttttcacctt	660
tgtctgatcc	ttggtcctgc	tcatttgaag	agatccctaa	ggagacatca	gtgacattct	720
ccgggttcaa	gtgagtaatg	gcatcagata	ttctgtcgag	agagatgagg	gcttctgcag	780
catataaatg	tcccaaaaac	ttaagagatc	ctgacagctt	gggctgctga	agaagtttat	840
ctgcatgatt	caaagccatg	aggttatcac	ccaaagccag	agccacgtag	gcactgcaag	900
caagtatgga	gcactttaag	ttttctaatt	cctgttttct	caatggagaa	gaaggtggag	960
ctggaatgaa	tttatctcca	tcattgcttt	tactgctgca	agtttctactg	ctttcgtctgc	1020
tctctgtgtt	cccacctaatt	tgattactat	ttttagcccc	attttctctgc	tttggatctt	1080
gctgttcttc	aggtagcagc	aacaaggcat	ttctgagaca	tatggctgca	aactccatac	1140
tggctacagg	aatggccgaa	gactgccgaa	ttccaccgca	ctgactagtg	gtctacgatn	1200
ctcaattnnn	nnncgcccc	gcctctcccc				1230

<210> 7796
 <211> 2513
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (418)...(1173)
 <223> similar to gi939707 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7796
ggagccgcgc cgcattctcag gcgcagtcctc taggggctgt gcgcattccta ggggggggaca      60
tgtgcatctc aggggggctg ctgcgcatctg ggggggtgctg tgtgcatctc ggggggggctg     120
ttgcatctac gcgggggtggc tgtgtccgca tctggagggg gctgtgcgca acccgggggg     180
ggtgttgccg ccatctagca ggggcggctg tgcgcatttc gggggggggc tgtgcatatc     240
tgggggggaca cgtgcttata tctggggggcg gctgtgcgca tcttgagggg tgtgtacatc     300
tcgggggggcc tgtgcgcata ttgggggggct gtgtgcatcc gcggggggctg tgcgcattctc     360
gggggtgctgt gcgctgctcc tctgagctct gctctttctt gcagcgtttg cctcagcatg     420
gagggcgggg ccgcggcagc cccccccaca gcaactgcctt actacgtggc cttctcccag     480
ctgctggggc tgaccttggt ggccatgacc ggcgcgtggc tcgggctgta ccgaggcggc     540
attgcctggg agagcgacct gcagttcaac gcgcaccccc tctgcatggt cataggcctg     600
atcttcctgc agggaaatgc cctgctggtt taccgtgtct tcaggaacga agctaaacgc     660
accaccaagg tcctgcacgg gctgctgcac atctttgccc tcgtcatcgc cctggttggc     720
ttggtggcgg tgttcgacta ccacaggaag aagggtacg ctgacctgta cagcctacac     780
agctggtgcg ggatccttgt ctttgtcctg tactttgtgc agtggtggtt gggcttcagc     840
ttcttcctgt tccccggagc ttcatctctc ctgcggagcc gctaccgcc acagcacatc     900
ttctttggtg ctaccatctt cctcctttcc gtgggcaccg ccctgctggg cctgaaggag     960
gcaactgctgt tcaacctcgg gggcaagtat agcgcatttg agcccagagg tgtcctggcc    1020
aacgtgctgg gctgctgctt ggctgcttc ggtggggcgg tgctctacat cttgaccggg    1080
gccgactgga agcggccttc ccaggcggaa gagcaggccc tctccatgga cttcaagacg    1140
ctgacggagg gagatagccc cggctcccag tgatgcgccc ggccggccct gggggttcgc    1200
gggggtgtctt cttgcctgcc cctgctgagg cgtcttcagg actgcaggct ccggagagtg    1260
gctctggcag caggcgggcg cgtgggtgca gctgcatctg tttgagtgtt gctttctggg    1320
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gtggctcccc tgtctctgtt gcccccttca gtgcagaagg ctttgggtag gacttcgggt    1440
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ctggcagcag atgcctgggg caaggccagg ggaactggg ggggcctcag ggacaggcct    1560
ggaaaggcca cgatggctgc tgaattcaaa caaggagtcc ctccagcctg aataacacgt    1620
ggcacaaatg ggcccgccct ttggcagagg agcaagtgat atgatgtgta aagtatgttg    1680
gtggtgaaag caaggttccc caggagaggg gagggactgg ccctgggaa gctctgagat    1740
gaggctgtgg ccagctgta gtccctgacct tctcttctt taaccttta gccctaggat    1800
ggctttggtg ggagagggga tagaagccca tgacttcaga cagactttct cttggcagat    1860
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tctctccca ggctcaccca ggctctgctc aggctgggag gcagagggca caaaccttat    2040
aattttttaa atgaaaaacc gctgctgctg gctgtggcta gagccccctg gggtgctgg    2100
agctgctgcc tctgttctgg aggacgagcc ttctccttat ctgctgccc tctttccagg    2160
aagtcaggat ggagtcagaa caactacagt catccccgt ggtgtctgca catcactcca    2220
gcccataaaa gagtgtcatg ttagctgagt caccatttgg cttcggcctg gaaatagtgt    2280
gattagaaca ctgatcgtgt gcgaggccag gagatcaaga ccacctgac taacaaacac    2340
agtgaacccc cgtctctact aaaaatacaa aaaattagcc aggcgtgggt gtgggcgcct    2400
gtagtcctcag ctacttgga ggctgaggca ggagaatggt gtgaaccgg gagatggcgc    2460
ttgcagttag ctgagattgc actccagcct gggcgacagg ctcaaaaaaa aaa          2513
```

<210> 7797

<211> 1258

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (72)...(919)
 <223> similar to gi5824665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7797
 acctctagtc cagcgtgggtg gaattcagtg ccctgagcgt ctccatggcc tgcctgagcc 60
 cctcgcagct ccagaagttc caacaggatg gattcctggt gctggaagga ttcttgtctg 120
 cggaagagtg tgtggccatg caacaaagga ttggcgagat agtggctgaa atggatgttc 180
 ctctccactg ccgcacagaa ttctccaccc aggaagagga gcagcttcga gccaggggca 240
 gcacagacta tttcttgagc agtggtgaca agattcgatt cttctttgag aaaggcggtt 300
 ttgatgagaa aggaaatttc ctggctccctc cggagaaatc catcaacaaa attggccacg 360
 ctctgcacgc ccacgacccc gtcttcaaga gcatcacaca ctcttcaag gtgcagacct 420
 tggccagaag tctgggcctc cagatgcccg tgggtggtgca gagcatgtac atctttaagc 480
 aacctcactt tggcggtgaa gtctccctc atcaggacgc ctcttctctg tacacggagc 540
 ccctgggccc ggtgctgggc gtgtggatcg cagtggagga tgccacgctg gagaacggct 600
 gtctctggtt catccctggc tcccacacca gtggtgtgtc aagaaggatg gtccggggccc 660
 ctggttgctc agcgcctggg accagcttcc ttgggtcaga gccagcccgg gataacagcc 720
 tctttgtgcc caccacagtg cagagagggg ccctggctct catccatgga gaagtggtag 780
 acaagagcaa gcagaacctc tctgaccgct cgcgccaggc ctacactttc cacctcatgg 840
 aggctctgag caccacctgg agcccggaga actggctcca gccaacagct gaactgccct 900
 ttccccaact gtacacctaa aggtctctgc agggcaggag ccctcgcccc tcccggtga 960
 agctgtgggc tgtaaacacc agtgccttgc tcagcctcct ggttgcaaca gggaggtcct 1020
 gtctccctc ctgggctttc ctctgcctc gtgggcagca gcttaggctg ggtcaggggc 1080
 ttccctaaga tcttcacctc tctgcctccc tactgcccc acatagcctt gaggaggctt 1140
 ctacgccacc aaagggttct ggccccttct cactctctc tctctcaga tggaaactctg 1200
 gttattatgg tgtagttat cgaataaaaa cgacttcaga atgcaaaaaa aaaaaaaa 1258

<210> 7798
 <211> 1581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1460)...(347)
 <223> similar to gi5931549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7798
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 gctttggtca agaatggaat gaaatcgcaa aaaaacaaac aaaaaaatta ctgccttaaa 180
 aaaaccaaca ctttcaccaa ttttatattc aaacaaaacc acacggcatt ggcgtgatat 240
 gtgttttcag tgtttccttg gggtggtt cctcgccatc gtgccacggc acagctgcgg 300

tcggccacag	tttgtcatgc	tgatggcg	aggctcactc	agcttcacat	tatccggagg	360
ccctggatgg	aagactcgag	ggtcttgaaa	tcccaaattg	tcatggctcc	atcgatgcca	420
gtagtgcaaa	atttgcgaca	atcttgcttg	tccacctcat	aaatagagac	ttgagtgatg	480
ctattctggt	gcagcgtctc	caaggccgtg	ttgcggctct	cagttgtggc	tctcttgctc	540
atgttgcgga	agcgttccat	ggcagacatg	ttgcgttgga	tgctctgttt	tggaatatct	600
aacttgga	cgaaggctcag	gcagccgcgg	tcatcgtagt	taaagagcat	tgggcagcag	660
tcatggccag	cagccacgac	gctgttctct	gagacaaatg	acacacttag	gagcggcagg	720
aactctgtct	tcagagtcga	gacctgcaca	ctttttgagg	catcagcaac	agacacggtg	780
ctgtcgtggc	tgaccaggc	caggcggctc	ccactggcag	agaagcttac	cccgtggacc	840
cagccaccag	tgccactgcc	accaaactct	gacatcagct	gccccaaagg	catcttgctg	900
ccccagggcg	tgctggctgg	cttttcatcc	acttctttaa	tgtaggcaga	aaacactctg	960
catttgaa	cacatgatcc	tgctgccagc	aaaacgttgt	tgggatgcca	atccaagctg	1020
aggactgtgg	agcgaatcgg	ctttttaatg	tgcttgctca	cccaccagtc	attttcagac	1080
tcaaagtaac	aaacagaaat	gagtcgtgct	ccacttccca	cagcaaattt	gttctctagg	1140
ggggaccact	tcacaaaagt	agctgcgcga	ttaattctca	ggatcaccag	ggttggtctc	1200
caaacaccat	ctttctgact	ccagacatag	gcattgcggt	ctgccccaca	agtgacaatg	1260
cggctcgtct	tgggagccca	gtcaatacct	gtgatgtgtc	cgttggtgtc	cttgagttca	1320
tgagctttca	cccactggct	cccgttcttc	ttatagatgt	gcacttcgtg	attattggga	1380
ctgagggcaa	tctgagtacg	atccctgttc	caggcatgac	aggtgattgg	ctctagtaaa	1440
aactgatgca	gtgacattat	tcttagtgtt	ttcaaaggag	agaaagctgg	gatcggggga	1500
gtccggacgg	gctcggagcg	gaggattcgc	ggactctggg	cagtcgacgc	gaacaggctc	1560
cgtcgggcgc	gggcggagga	c				1581

<210> 7799

<211> 1528

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(1243)

<223> similar to gi3850704 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7799

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ccaaggggct	gcagaagcta	cgctgggtatt	gccagatgtg	ccagaagcag	tgccgggacg	180
agaatggctt	taagtgtcat	tgtatgtccg	aatctcatca	gagacaacta	ttgctggctt	240
cagaaaatcc	tcagcagttt	atggattatt	tttcagagga	attccgaaat	gactttctag	300
aactttctcag	gagacgcttt	ggcactaaaa	gggtccacaa	caacattgtc	tacaacgaat	360
acatcagcca	ccgagagcac	atccacatga	atgccactca	gtgggaaact	ctgactgatt	420
ttactaagtg	gctgggcaga	gaaggcttgt	gcaaagtggg	cgagacacca	aaaggctggt	480
atattcagta	catagacagg	gaccagaaaa	ctatccgccg	gcaactggaa	ctggagaaaa	540
agaaaaagca	ggaccttgat	gatgaagaaa	aaactgccaa	atttattgaa	gagcaagtga	600
gaagaggcct	ggaaggggaag	gaacaggagg	tccctacttt	tacggaatta	agcagagaaa	660
atgatgaaga	gaaagtcacg	tttaatttga	gtaaaggagc	atgtagctca	tccggagcaa	720
catcttccaa	gtcaagtact	ctgggaccga	gtgcactgaa	gacgatagga	agttcagcat	780
cagtgaacg	aaaagaatct	tcccagagct	caactcagtc	taaaagaaaag	aagaaaaaga	840
aatctgcact	ggatgaaatc	atggagattg	aagaggaaaa	gaaaagaact	gcccgaacag	900

actactggct	acagcctgaa	attattgtga	aaattataac	caagaaactg	ggagagaaat	960
atcataagaa	aaaggctatt	gttaaggaag	taattgacaa	atatacagct	gttgtgaaga	1020
tgattgattc	tgagagacaag	ctgaaacttg	accagactca	tttagagaca	gtaattccag	1080
caccaggaaa	aagaattcta	gttttaaagt	gaggctacag	aggaaatgaa	ggtaccctag	1140
aatccatcaa	tgagaagact	ttttcagcta	ctatcgctcat	tgaaactggc	cctttaaaag	1200
gacgcagagt	tgaaggaatt	caatatgaag	acatttccta	aacttgccct	gagtttgaaa	1260
atttgttaac	aatacattaa	aatcttaaag	catcaaattg	gtgttcgcca	aggcattatg	1320
agactctact	gtgttagggg	atattctttt	gtataaaaaca	aacagggttt	tgaaaatatt	1380
actgtatagt	tagttgttca	gctaaacttt	gagaagaatt	taattatgtc	tcatgaggta	1440
tcaaactatg	taattttgtc	cttggtattt	ttgtttcctt	tgtaatttac	ttgatgagtt	1500
tatatcttca	ttaaagaatg	ttattata				1528

<210> 7800

<211> 3565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (277)...(923)

<223> similar to gi6002803 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7800

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cgcgctctgca	cctctcgcc	tgccagtgtg	cctgccggcg	cctcggtcga	ccgccccgc	180
cccctctccc	gctgctccg	cactcctgtt	cctggtcctg	acgccccct	cccgccgga	240
aagctgccca	gccaccagca	acccccagt	gccaccatgg	caactgcacc	atacaactac	300
tcttacatct	ttaaataat	tattattggg	gacatgggag	taggaaaatc	ttgcttgctt	360
catcaattta	cagaaaaaaa	atttatggct	gattgtcctc	acacaattgg	tggtgaattt	420
ggtacaagaa	taatcgaagt	tagtggccaa	aaaataaaaac	tgagatttg	ggatacggca	480
ggacaggagc	gatttagggc	tgttacacgg	agctactaca	gaggagctgc	gggagctctt	540
atggtctatg	atatcactag	aagaagtaca	tataaccact	taagcagctg	ggtgacagat	600
gcaaggaatc	tcaccaatcc	aaatactgta	ataattctca	taggaaataa	agcagatttg	660
gaggcacaga	gagatgttac	atatgaagaa	gccaaacagt	ttgctgaaga	aaatggctta	720
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gccaaagaaa	tctatcagaa	cattcaggat	ggaagcttgg	atctgaatgc	tgctgagtct	840
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cagagagaag	gctgtggctg	ctagtacact	ctttgctgtg	gccccctatt	tgacctttca	960
cctctgtctg	ttggaagcag	tactttttac	tgccctattg	tcttctgtac	atcttactgg	1020
gtttaattaa	aaaaaaaagaa	aaaactctgt	tgtaaaaaca	gtttaacaca	atactaaact	1080
gctaaacaac	tagatgtaat	cagggttatca	aaggcaagta	gagtaataaa	tctctcctgc	1140
atggtaaatc	tagacttttt	ttcccccttg	tcctcgtgat	aagtatgtca	ccaatatatg	1200
atttaaaccg	agcactgatg	ctggacttca	tgattttttac	cctccctttg	gcaaggcttt	1260
gtctcactgt	acggtttaat	ttgggtgat	cttaagcctt	tcttcccatc	cttaactggt	1320
caagtatgtc	tggtgtaacc	aataagttta	ttgctgtgaa	attacttctg	atggtagaga	1380
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ttttcttaac	gagatttgct	tctgtcttaa	cctcacacag	ggaaaataac	catttatctt	1500
ctctctcggg	cttaattaat	agcttttatct	ttttttatac	cattttatcc	ttttctcttt	1560

aacagaaagt	aaatatgtat	aaaatttgaa	ggaatcgaac	taacaataca	ttctgtgtat	1620
attattttta	tgaagaaaat	aaattgatta	ctggcattgg	aacagtataa	aataaccagtt	1680
tgtacagtat	gacctatatg	tgacctgtgt	actcccttcc	atttcacaca	aagaaataga	1740
cacaactgca	gttcacaagt	agtactggct	ccacccttgg	gtgctggcag	tgtttgggga	1800
cattatgctg	gaaagagctc	ctagcatcag	aggattaaca	ctagcagatt	ctgttccatc	1860
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attttaaatt	gtgcattttt	aaccctacag	tgaataaact	taagatatcc	ctgtgttcac	2160
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tctaaagggtg	tttcagcgct	tgtgctgata	caaagtaagt	tattactttg	caccagggtgg	2280
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accatttggg	atataaggta	gcaatcacia	actaaagact	gcggcttggt	gaggtgcaat	2880
acctgactc	ccaaagttag	ttacagtggg	ttttattggt	tttgtgactg	aaggatttat	2940
tcagactgct	gtactcttca	tttgatgtaa	caaaatgcta	ttaatctaaa	tatttgtaaa	3000
taaagtacct	gtactctagat	taaattaaaa	ttggttgcat	tattttctga	actataatag	3060
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ttcattgtat	aaagagaggt	ctacgtatgt	agcatataaa	accacatcac	taagtaatag	3180
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agtgtaagat	cagcacattt	ggtggtgtat	gctgttctcc	tttgactgta	ccgggagcca	3300
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gattgtcata	ttgtaacatg	cgtgtgccag	acaccgggca	gtacactttg	gaaagaatgt	3420
gaaatccttt	taatttttaa	tccatagctt	actgcttggt	cagtcacctg	cctctcgagg	3480
ttgctcattg	cccttggaac	tgtgaggagg	ccctcagatt	agtaattggg	gcttagtact	3540
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<210> 7801

<211> 2181

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (782)...(1658)

<223> similar to gi207036 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7801

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cacgaatctg	cagcggctctg	tggatgacac	aagccaggct	atccagcgaa	tcaagaacga	180

ctttcaaaat	ctgcagcagg	tttttcttca	agccaagaag	gacacggatt	ggctgaagga	240
gaaagtgcag	agcttgcaga	cactggctgc	caacaactct	gcgttggcca	aagccaacaa	300
cgacaccctg	gaggatatga	acagccagct	caactcattc	acaggtcaga	tggagaacat	360
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tgatctgacc	tccttgaata	ataccctggc	caacatccgt	ttggattctg	tttctctcag	660
gatgcaacaa	gattttgatga	ggtcgagggt	agacactgaa	gtagccaact	tatcagtgat	720
tatggaagaa	atgaagctag	tagactccaa	gcatggtcag	ctcatcaaga	atttttacaat	780
actacaagg	ccaccggggc	ccaggggtcc	aagagggtgac	agaggatccc	agggaccccc	840
tggcccaact	ggcaacaagg	gacagaaagg	agagaagggg	gagcctggac	cacctggccc	900
tgcgggtgag	agaggcccaa	ttggaccagc	tgggtccccc	ggagagcgtg	gcggcaaagg	960
atctaaaggc	tcccagggcc	ccaaaggctc	ccgtgggttcc	cctgggaagc	ccggccctca	1020
gggccccagt	ggggacccag	gccccccggg	cccaccaggc	aaagagggac	tccccggccc	1080
tcagggccct	cctggcttcc	agggacttca	gggcaccggt	ggggagcctg	gggtgcctgg	1140
acctcgggga	ctgccagggt	tgcctggggg	accaggcatg	ccaggcccca	agggccccc	1200
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tttttcagtt	gagaaagaaa	tttttgagga	tgcaaagctt	ttctgtgaag	acaagtcttc	1380
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gagagagagc	cactggatcg	gcctcacaga	ctcagagcgt	gaaaatgaat	ggaagtggct	1500
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gacactcctt	tctaattgca	tcaccttctc	atcagattga	aaaaaaaaaa	agcactgaaa	1800
gccatttact	gaaaaaaaaa	tgacagctag	ggttttttac	catccgtcat	tacccaaaga	1860
cttgggaact	aaaatgttcc	ccagggggat	atgctgattt	tcattgggca	catggactga	1920
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cagacataca	gatatatagg	ccaactatta	gtaataatat	gaaatatact	taaagagctt	2160
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<210> 7802

<211> 1185

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1120)...(826)

<223> similar to gi33918 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7802

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atcttatgta	acatgcagag	catatatcta	tctgtatttt	taaaattttc	ctgttactca	180

ttgatacata	gtacttaatt	acatgttatt	ccatgtacac	tgaaaacaat	ataggaaata	240
tatacatcta	agactttctac	tttgtacagt	ctttcattaa	ataagaatac	ttacacatac	300
attttcagat	atttctacct	tcctgtatgt	gtttggaatt	gtatggaagg	aggcacttga	360
agaaatttgg	gccccttggg	aggatggcag	tggaagtcca	tgaagtaaag	agcattcttt	420
aaaaagcaga	tttgattgca	taccttttag	ttatttgaga	ttctgagaat	tctgataaac	480
cccaaagcag	aaagattcct	tatacccttg	gaagatggga	aagggtgagg	aaatatttga	540
agcagggtca	gaacatccac	taagaacata	gcacctcagt	agagcttaca	ttatagtgcc	600
agggtagagt	tattactgaa	tagcttagga	tgatgaacat	taaccttcct	acaggagtag	660
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attatggctt	gacatatact	ccatgtaggg	aagtgatggg	agaggcagcc	tctgtgtggt	780
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cctttccttg	ctaactgctt	tcagtaaatt	cttgatggcc	ttcgattctg	gattcagaca	900
tctcttctca	cccttctttt	tcattgtagc	aatgatctca	acacgtggac	aaaattggct	960
tgcaggaata	atttcaagtt	tttctaaaga	ccttggatta	acaggttgat	tactaatgct	1020
gatgcaggta	cagcgtacag	ttctagagag	aggtaactcct	tgaatgccac	ttagagtcag	1080
aaagataagg	cagcaaatac	gaatggcagt	ttgattcatg	gtgctgagac	tggaggttcc	1140
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<210> 7803

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(721)

<223> similar to gi4689260 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7803

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cggccctgct	ctgttctgcc	cggaggagcc	gccattgat	cgtgtcctgt	gctgaagatg	120
tttcgggaac	aacagaaaga	ggaatttgta	agtgtctggg	ttcgagatcc	taggattcag	180
aaggaggact	tctggcattc	ttacattgac	tatgagatat	gtattcatac	taatagcatg	240
tgttttacaa	tgaaaacatc	ctgtgtacga	agaagatata	gagaattcgt	gtggctgagg	300
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gtggaagaag	caattcacaa	gtttgcctta	atgaatagac	gtttccctga	agaagatgaa	600
gaaggattaa	ctgaaaatga	tatagattat	gattcagaaa	gttcattctc	tgggcttgga	660
cacagtagtg	atgacagcag	ttcacatgga	tgtaaagtaa	atacagctcc	gcaggaatcc	720
tgaaaaataa	ttctaattgtt	actatct				747

<210> 7804

<211> 730

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (237)...(403)
<223> similar to gi5306259 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7804
ccgtgtggtg gaattccccc ccaaactgcc ggtgcagatg cccttgaccc ccagtaacca 60
gcaacaagac cgtcactgtg tgaggaaagt ggggcgccat cctcaccctt gcacagcggc 120
ggcgactcct cttagctcca atgcaaaagc gtttaaagat gcagctcaga agcatcacca 180
gcagcacaag gggagggtccc aagaaccaga acttacatca ctgcctccga gttcagaggt 240
ttcctttccc accttctcag aactttctgt ttccatggcc tctctgccca cctctgccac 300
ctccccctgat gtgctggcct ccgtttccat cgctcctca tggcctgtct ccgcccggtg 360
ttccaagccc agctcaggca agtctccggg cgccaacagc tggctgatgg tgacatgctg 420
cagcctggtc acatcagaaa ccatgagggg ggatctccgg aggtcatcga tgtggacaga 480
ctgccacagc cctccgtgga agccacata ggctgttctt cttcccaccc gggacagttt 540
tgtgatgaaa tagacgaaga tacggtcctc attttctcgt attttggtga tttcatttat 600
aacagaatac ttagctgagg caatgagctg ggcgctacgg attccatctt caaaatctgt 660
ctgaaaaatg agaattttac atttggctgt attcgtaaag cagtgtcgga cttcgtgaagg 720
nntaggaatt 730

<210> 7805
<211> 1484
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1242)...(703)
<223> similar to gi5138991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7805
tttttttttt ttcattgttt ttccctttcc cttttttttt ttttaaacia gcagctcagc 60
gatttgggag gttggttagt acaatacaga gaacacagag agaaagtata aaatggcact 120
gaacactaat gccaatactt atctcattgt ggttataacg aaggatatta ttatttgtgt 180
tatttttgtc tggaacataa atcaatgccca ttaacttgaa cttgaggtat atacacaata 240
cacacacaac cttaagcaaa atacttttca taagtaacat tacattttta aatattggaa 300
acattcgaat atctgtgctg atttgtattc tgacttaatg gaacaagaag aaaataacat 360

tcaactaggg	agggttaa	ac	tgataata	aa	gctctta	aaaa	ttcaaaat	gt	cttcctct	cc	420	
ctttgtactt	accatagg	ct	acacaat	gtc	ctgagagg	at	tcattat	gag	aaaaat	gtca	480	
atcacagctt	caataact	ta	ctttgg	aaaa	aactaat	gag	aaagcaa	act	ggaagg	tgag	540	
acttcatctt	tgttttca	aa	taagtgg	tct	taattttt	ct	tcttatag	aa	aaagtt	ttaa	600	
tcagtttatt	ataaatat	at	ctaaacc	att	aatttttt	gca	gctttcag	gt	aaagtcc	cagc	660	
acttcattta	tacaaaat	ct	atgagaag	ag	gtcagtag	ag	atcatcta	aat	cttaagt	ctgt	720	
gacatcatcc	attcaagt	cc	ttggcaca	aat	ccctcgcc	cag	ttagagca	caca	gcatgc	ctgg	780	
atatgccact	ggtgatct	ttt	aatagaag	tt	agcttcaa	aaa	actgggag	at	ttctgct	taca	840	
gtcatgcatt	ctttaacat	c	ttgtttat	ta	gcaaaaat	ca	gcaatcc	cagc	ttttct	tagg	900	
tcctcatg	cgt	cttaac	atttt	atagagt	tct	tctctag	tta	cagaaat	cct	ctctct	gtct	960
gtactgtcca	caacaact	at	tacaaact	ct	gtgttag	tat	agtaaag	tg	tt	ccagga	agaa	1020
cgaagagatt	cttggccac	c	aatatccc	cac	attagg	gaa	ac	gtgtatt	att	aatcact	tatc	1080
tcttctacat	tacttcc	t	tgtaggag	at	gtatgt	tacaa	cttcatt	cat	agaaa	attgg		1140
taaagaatgg	tagttttcc	c	tgcat	tatcc	agccca	acaa	tgataa	acttt	gtgctc	ctgg		1200
tgattgaaca	gtctccat	at	tctagt	gaag	agaatt	ccca	ttctcg	gggca	gcggac	cccc		1260
ccccctccag	acacccgg	gc	cgcctgg	ctt	cccccg	gctc	aggctg	aggg	ggaggag	agag		1320
gacgcgctgg	agcctccg	cc	tctgctg	ctg	ctcccg	cgct	ggtcgc	gggc	ccgcttc	cag		1380
ggaaccggag	ggaggccg	aa	gccaggg	ccg	ccctgc	cgcg	cgcaagg	ccc	cgccgct	gcc		1440
gccgcggcac	tcgcctgg	ct	cgcggac	atc	gccgcg	cgct	tg	tc				1484

<210> 7806

<211> 2468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2149)...(1799)

<223> similar to gi791150 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7806

tttttttttt	ttatagtcta	aatttttatta	tctccaagtc	acaatgctga	tcacaaatgg	60
gcacccttta	aaacagtaac	aaaaaacacc	accacacatg	gaaaaatcct	tgcaactaaa	120
cacagtggac	caacagagac	aactctcaca	gtgtcttaag	gtctgggaat	ctgggcatgc	180
tgcccacagg	cttgaggaga	catcttcagg	tttaaggcaa	agggaacagc	ctacaaaagg	240
cacaaccacc	agctacccct	agaagaatct	cttagttatt	tctccttgg	gggttacaga	300
ttaagtgcct	ctccccactc	tccatcccac	acctgtgact	cagagtgatt	aggccagctg	360
ctagatggaa	ggaataaaaa	cagtgcatt	accggggaga	gacacagcca	ccatctttgc	420
cctcaggttc	tgtagaagga	cagggacagt	ggccagggtta	ccctggcag	acgtatgtac	480
tgtagtaata	ggaatctctt	ccacagaggc	agcagagaag	tggttttagtg	ccatggatag	540
ggaggaaaga	taggagccct	tgcccagaag	gtgactggct	tccttaggcc	ttaagcccag	600
gagtttttat	attctgtctg	caaggacaaa	aatagaattc	ggggaaaata	aggtagtaac	660
atctaaaaca	cttgtagcag	gaaagacgtg	gagaagagca	attgcaaagg	acagggtaga	720
ctgcttgctg	gataatattt	gcctttaaag	agatgcattg	gtccacagca	actggaaaag	780
gggtgtagca	agaagaatgg	aaagaagaga	agcaaggccc	tctaattcca	cttacctcaa	840
aagactgagc	cctgaggact	atgtgaatac	acacccttaa	aggcaaaggc	tctcactcca	900
ccatcccttt	ctcacaaaag	catctggtgt	gccatctctc	cccacagtag	ggtattggcc	960
ctcagcagag	aacagaagcc	catcatagta	caggtattga	tggtgctca	gactcctaaa	1020
aacctaagtc	aaagagaagg	gtccttacc	acctactctg	agcttttctg	cacaatggga	1080

ccctctgtgc	agacagccat	gcttccacag	ggtttagagtt	aaggggaatac	aagtatacaa	1140
gaggataaca	aatgccaaact	aaaagtga	ggccagggtct	tttttagactt	ggtgggggaag	1200
gctggctgat	acattctcca	ttatctggga	tgcacggaag	agtcaaaagg	gaatccagag	1260
gggctagaaa	accagaagac	tagacttggt	tcatttaaag	gcagggagag	agagcaagaa	1320
acagaaacaa	agagaaaaaa	ttaaaataat	attaaggata	agaagccagg	ctttaaaaat	1380
gaacatctta	gaaaacaaaa	caaacaggaa	ggagcttcct	tgggaacaga	agacacttca	1440
atttcccaga	agtgaagaac	agcagaagac	atgggcttct	gtatctagac	tcagaagctt	1500
ggggctgtct	ggctctctct	gctccccga	acacagccaa	ctcaagtga	gagtgaagat	1560
gggacgaggt	ccacttggtt	ctccctctct	ctagagcctg	tcctcagagg	aaggcagggg	1620
tcctcctctt	tcagctgttt	gctggtagga	gccacaccct	atatctttga	agcccttctg	1680
gtagtagata	gccagctgta	tttctcttct	gagttctcac	ctctgctgct	ttttatatga	1740
tgtaaagatt	taaaatatct	agaaacttgt	attaactgga	acccctgctt	acaacctcag	1800
gtggaggggg	cttgatggtg	actggctggg	gagtcctccg	gggtggggag	ggctttggct	1860
gcacctgctg	ctgggcgggg	ttatagtagg	tcactcctcc	atatacctgt	gatggggcct	1920
gtgtattagg	atacagatga	ggcggtggtg	ggggaggcag	tgccccctgga	gcataagggg	1980
aactgggatt	accaaagtct	atgacgcctg	gagcagaaaa	gtaagtagga	gcaagcaact	2040
gctgaggtgg	tggctgtcct	ggagacatgg	acactgggtg	gggatagagg	cctggattgg	2100
gcagaggagc	tgggtgtctg	tggggatgta	aacctggata	aggagaagaa	aaaaactgaa	2160
aaataaagta	acatcatttt	cacaggatgg	cccggctgga	ctgctcagta	taatcaggct	2220
cagaatggaa	gtcctcagga	tggacacaag	aggaaacttgt	tgcccaagca	gccaggatgg	2280
ccagactccc	aggctagcag	cacaaagctc	aggaggatgg	gtttttgtgg	actcccaaca	2340
tatatcctca	ggtactggaa	gcatataagc	agagacacaa	agcttacctg	ggtgggggaag	2400
gttcattcct	ggctgcacaa	gcatgcctct	tggaggcaaa	agggaaaggc	ggtcaacttg	2460
ggtataga						2468

<210> 7807

<211> 1010

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (998)...(222)

<223> similar to gi6018458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7807

tttttttttt	tccagcaacg	ctccttttaa	tatccggatg	tccaaagcca	cagcctgtgt	60
gttgagcccc	gggtagggct	gctggccgga	ggctgttggc	ttccagcagc	agcacgacgt	120
ggctttttga	aaggagagcc	cggagagtgg	cggccagcag	gggccagacc	ccatggggcg	180
cgtgcctggt	cccagctgcg	gcgtccctct	ggccagctac	aaaggggaat	gcttctcgaa	240
gggcacggtc	aggaggcggg	cggccgcctc	gtccaagaac	cagcacagtt	tcccgggtgtg	300
gggctggacc	agggcggcgg	gcagcggggt	ttcctcctgg	tcctccaaaa	tgcgcttcag	360
aacagctgcc	ttgccttctc	cagttgccac	aaagatgaca	gttcgtgctg	cattcaggac	420
aggtagtgtg	agggtcacac	gctgtggcgg	tggcttcggg	gagtcactga	tgggagccac	480
aatcttctcc	cgctcctgta	ggaggggggt	gtctgggaag	agtgagcagg	tgtgaccatc	540
ggggcccacc	cccaggatca	gcaggtcgaa	aaccgggatg	gagtcacctt	ggaatgcctg	600
tctcagcttc	ttggcgtagt	cctcagccgc	ctcctccaca	ggcagctcgg	ggttaatggt	660
gatcacctgg	ctttctggga	tcggcagctc	ggagagaaga	tgcgtccggg	agaggccgta	720
cgtgctctcg	gcgtgatcga	agggcacgag	gcgtcgtctg	cagaagccca	gcgtccagcg	780

cgctaagcta	gctggccccg	caggggagac	ggcggcgggt	agctcgcggg	ctagcatcga	840
gacgaggctc	ccgcccgcga	agccgagcgc	gaaacgggcg	cgggcccctg	ccaggcagca	900
tgctgcgcgc	tggggcacca	gctgcgctag	cgccgcaccc	agctcctggg	aactcgagaa	960
caccgagatg	aggcccgggg	ccggcgcggc	catggcgagg	gcggcggcgg		1010

<210> 7808

<211> 2182

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (178)...(1457)

<223> similar to gi3766197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7808

gcggccctcc	cccgcacac	cccgcgcgt	ccgctcgggc	gcgaggggac	ggggcccgac	60
tcagaaatgg	cggcctccat	gttctacggc	aggctagtgg	ccgtggccac	ccttcggaac	120
caccggcctc	ggacggccca	gcgggctgct	gctcagggtc	tgggaagtgc	tggattgttt	180
aataaccatg	gactccaagt	acagcagcaa	cagcaaagga	atctctcact	acatgaatac	240
atgagtatgg	aattattgca	agaagctggt	gtctccgttc	ccaaaggata	tgtggcaaag	300
tcaccagatg	aagcttatgc	aattgccaaa	aaattagggt	caaaagatgt	cgtgataaag	360
gcacaggttt	tagctgggtg	tagaggaaaa	ggaacatttg	aaagtggcct	caaaggagga	420
gtgaagatag	ttttctctcc	agaagaagca	aaagctgttt	cttcacaaat	gattgggaaa	480
aaattgttta	ccaagcaaac	gggagaaaag	ggcagaatat	gcaatcaagt	attgggtctgt	540
gagcgaaaat	atcccaggag	agaatactac	tttgcaataa	caatggaaaag	gtcatttcaa	600
ggtcctgtat	taataggaag	ttcacatggt	ggtgtcaaca	ttgaagatgt	tgctgctgag	660
actcctgaag	caataattaa	agaacctatt	gatattgaag	aaggcatcaa	aaaggaacaa	720
gctctccagc	ttgcacagaa	gatgggattt	ccaccttaata	ttgtggaatc	agcagcagaa	780
aacatggtca	agcttttacag	cctttttctg	aaatacgatg	caaccatgat	agaaataaat	840
ccaatggtgg	aagattcaga	tggagctgta	ttgtgtatgg	atgcaaagat	caattttgac	900
tctaattcag	cctatcgcca	aaagaaaatc	tttgatctac	aggactggac	ccaggaagat	960
gaaagggaca	aagatgctgc	taaggcaaat	ctcaactaca	ttggcctcga	tggaaatata	1020
ggctgcctag	taaatggtgc	tggtttggct	atggccacaa	tggatataat	aaaacttcat	1080
ggagggactc	cagccaactt	ccttgatggt	ggtggtggtg	ctacagtcca	tcaagtaaca	1140
gaagcattta	agcttatcac	ttcagataaa	aagggtactg	ctattctggt	caacattttt	1200
ggaggaatca	tgcgctgtga	tgttattgca	cagggtatag	tcatggcagt	aaaagacttg	1260
gaaattaaaa	tacctgttgt	ggtacggtta	caagggtacac	gagtcgatga	tgctaaggca	1320
ctgatagcgg	acagtggact	taaaatactt	gcttgtgtatg	acttggatga	agctgctaga	1380
atggttgtaa	agctctctga	aatagtgacc	ttagcgaagc	aagcacatgt	ggatgtgaaa	1440
tttcagttgc	caatatgatc	tgaaaaccca	gtggatggct	gaagggtgta	aatgtgctat	1500
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agccagtctt	ttttgcttct	cctacaaaac	gtaacttgca	atttgccagt	ttattattgt	1740
tggatacaaa	gttcttccatt	gataagagtc	ctataaataa	gataaatacg	aagataaagc	1800
tttattcttt	agtgttaaaa	tacagtatat	ctaataacta	gcctcattag	tagagcagta	1860
tattaaaaca	atgttttatg	taaaagtgt	ttatcttcag	caccaaatac	atgataaatg	1920
tatcaatcac	tattttataaa	cagagctttc	aaacactcct	cagaatattc	ttctaagtat	1980

tttgatgaag taactttgta attatttgaa cattgtttta atcattagga aacactgatt	2040
aactgcaagt cttcatgatt ctgtcatatt aagaaacacc tgtaggtttg cttcaaataa	2100
aggcatatat accaaggact tacagacaaa attaagaatg tcaatttaag ttaataaaaa	2160
tctcccaata tgaaaaaaaa aa	2182

<210> 7809

<211> 669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (662)...(287)

<223> similar to gi3171874 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7809

ttttttttac tgagaaactg cagccatttt tcagtcacgc acggctgata tttattatgt	60
ttattcataa tttgattgct tgtttggtgca gtgcttagtg gacagcacat ctcagggagc	120
ctcccagagg cctgggggtgg aatacgggtca tggaccatac aggaagcttc accagactgg	180
gaggctgagg gccttccccg agcctttctg ctgataggga aggcagagaa actgagagca	240
tcaccatttc ttcagttagt gctttctcct ttctgtaatt cctgttagtc atcatcatca	300
tcacacctcg gaacaaaaat gtcatgttcc tcaagtagag cagcaaagtt cttgctaata	360
agtgtcccg catagagaaa ggggatcaca atggagaaca cacggagaag gccgaaggac	420
attttcaccg gtttgggcaa aatggcgccg ctgcggttaa cgatgactga cctcgacggg	480
accaggctcc ggcctgagcc gctccatgcg gcggagacat cgccatcttt cctcaagcta	540
ggcccgtcc ggagagcccc ggacctgacg ggtgccata ctagccagcg agccgctccg	600
gacgccatgc cccagctcc gccctcacc cgggcacccg caccacccg cccagccctc	660
gtgacgaaa	669

<210> 7810

<211> 1652

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1455)...(1264)

<223> similar to gi299471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7810

atggaacatt tccattacgt ggaatacacc aaagtcaaga tgccctatgt acctgtccaa	60
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aactacccca	tcaaggctct	tttcagattg	atgaatttgt	ccacactgaa	agttcttcaa	120
cgaagatgca	gctagtaaac	cagaggcttg	aaactgtcac	agaggtgata	cgttcctgtg	180
ctgcaaaagt	caacaagaat	ctctcattta	cttggccacc	agcagtttcc	tcacaacagt	240
ctaagttaaa	gcagtcaaac	atgctgaccg	ctcaagagat	tctacatcag	tttggtttca	300
ctcagaccgg	gattatcagc	atagaaagaa	agccttgtaa	ccatcaggta	gatacagcac	360
caacggtagt	ggctctttat	gactacacag	cgaatcgatc	agatgaacta	accatccatc	420
gcgagacat	tatccgagtg	tttttcaaag	ataatgaaga	ctggtggtat	ggcagcatag	480
gaaagggaca	ggaaggttat	tttcagcta	atcatgtggc	tagtgaaaca	ctgtatcaag	540
aactgcctcc	tgagataaag	gagcgatccc	ctcctttaag	ccctgaggaa	aaaactaaaa	600
tagaaaaatc	tccagctcct	caaaagcaat	caatcaataa	gaacaagtcc	caggacttca	660
gactaggctc	agaatctatg	acacataaag	aattgaagaa	aagttaagag	ctgccgaaat	720
gcacagaggt	gaaaatgaca	aaccaaattg	aattttctct	cagagttcag	aattttcaga	780
tactaaggag	gaagaaagga	tccactactt	cttgttctta	tgaatgactc	tagaaaaatc	840
agaatcaagt	tgtgggtgga	aaaatcaacg	tggcctttga	gttcagttgt	tataaaccat	900
tgtgactatt	gttgggtcaa	gtattggtac	ttatatgtt	agtaattgca	tcataattac	960
attaccagtg	ttggaaaact	aatgaagaaa	acactgtaat	tgctactcag	caaagtgtgaa	1020
taaaaggtgt	ttgcgttatt	aggatgtctg	ttaagtaatc	atttaattatt	attatattgg	1080
taatggttgt	atgtgtgatg	ctatgcccg	aatatgaagt	atctgttttt	gaaattcact	1140
ttatttaaaa	gataagcagc	tgactgggca	cggcgcctca	tgctgtaat	cctagcacct	1200
tgggaggctg	aggcagggtg	atcacctaag	gtcaggagtt	caacaacacc	agcctgacca	1260
acatggtgaa	accccatctc	tactaaaaat	acaaaaatca	gccgggtctc	atggcaggca	1320
cctgtaatcc	catctactga	ggcaggagaa	ttgcttgacc	caggaggcag	aggttgcagt	1380
gagccaagat	cacgccattg	cactccagcc	tgggggacag	agcaagactc	tatctccaaa	1440
aaacaaaaaa	gataagcagc	tttagaatat	ggcgcattca	aaacagtctc	agtaacaaag	1500
acattaaaag	aaaacaattt	actttcta	taaaattttg	tgtttcttaa	gatcaaatca	1560
tataggtaac	ttcatagacc	taaattaaaa	gtgatttttg	gctggactgg	caacaatgtt	1620
cccaatgtct	ttacttttta	aaaaaggctt	tt			1652

<210> 7811

<211> 944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(482)

<223> similar to gi4894941 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7811

cggaattgt	tcgctttagt	gccggcgcca	tggggtcgga	gctgatcggg	cgcctagccc	60
cgcgcctggg	cctcgccgag	cccacatgc	tgaggaaagc	agaggagtac	ttgcgcctgt	120
cccgggtgaa	gtgtgtcggc	ctctccgcac	gcaccacgga	gaccagcagt	gcagtcagt	180
gcctggacct	tgagcttcc	tgatgaagt	gccccttgga	cagggttat	ttaatataac	240
tttctggttt	gaacaaggag	acatatcaga	gctgtcttaa	atcttttgag	tgtttactgg	300
gcctgaattc	aatattgga	ataagagacc	tagctgtaca	gttttagctgt	atagaagcag	360
tgaacatggc	ttcaaagata	ctaaaaagct	atgagtcacg	tcttccccag	acacagcaag	420
tggatcttga	cttatccagg	ccacttttca	cttctgctgc	actgctttca	gcatgcaagt	480
aggtatttca	ttaaacattc	agaaaagtta	ccaatttaca	agtgggtttt	tcaccccaa	540
ggaatacttc	taacttagtt	gatatcaatt	cagagcatat	tttcccctag	aaataatatt	600

aggaatattg	gccaagtgac	tatattccca	gtttatccca	taatgtagct	aacaacttgg	660
aactagtgtt	gccagaattc	cactagcaaa	tagcagctgt	atatatatgc	tgggaattct	720
gatttcagtc	tgccttttgt	aagagatgat	atctgtcatt	aaaacagtct	tcacatgtga	780
tttttctgct	catatttttt	aaaaagtact	ggttgggcca	ggcgtggtgg	ctcccgctg	840
taatcccaac	actgggaggc	agaggcagga	ggactgcttg	aggcaaggag	ttcaagacta	900
gcctagacag	cataataaga	ccccaatctc	ttaagaaata	aaaa		944

<210> 7812

<211> 1902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (381)...(1386)

<223> similar to gi736727 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7812

ccacacacac	cacacacaaa	gagtgcgaatt	gagagccttg	ggccaggacg	ctagaagata	60
gggatgtagt	tgtcgatttt	ggcgcggtgg	cgctgggcca	tacattcagc	gateccacacg	120
atgttgcgac	actcctgctc	cttgagcttc	acgaaggcat	agaagacacc	aaagtggaaac	180
tggttcagga	aggccaactt	gttcagcttt	acctcgtgct	caaagaatcg	gtcctccagc	240
gtcttgtctg	caccaggttg	aggtagtcgg	cctggctgag	caccccgcc	ttcaggccgc	300
gcaccagtcc	ctccaagtag	ccattgtcca	cgttaaagta	aagctccggg	aagaacgaca	360
tggctgctgc	gggagcggcg	ggactggtgc	gcggcctgaa	ggccgggggtg	ctcagccagg	420
ccgactacct	caacctggtg	cagtgcgaga	cgctagagga	cttgaaactg	catctgcaga	480
gcactgatta	tggtaaactt	ctggccaacg	aggcatcacc	tctgacgggtg	tcagtcatcg	540
atgaccggct	caaggagaag	atggtggtgg	agttccgcca	catgaggaac	catgcctatg	600
agccactcgc	cagcttccta	gacttcatta	cttacagtta	catgatcgac	aacgtgatcc	660
tgtcatcac	aggcacgctg	caccagcgct	ccatcgctga	gctcgtgccc	aagtgccacc	720
cactaggcag	cttcgagcag	atggaggccg	tgaacattgc	tcagacacct	gctgagctct	780
acaatgccat	tctggtggac	acgcctcttg	cggctttttt	ccaggactgc	atttcagagc	840
aggaccttga	cgagatgaac	atcgagatca	tccgcaacac	cctctacaag	gcctacctgg	900
agtccttcta	caagttctgc	accctactgg	gcgggactac	ggctgatgcc	atgtgccccca	960
tcctggagtt	tgaagcagac	cgccgcgcct	tcatcatcac	catcaattct	ttcggcacag	1020
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gcctggcgca	gctggctcgg	gctgacgact	atgaacaggt	caagaacgtg	gccgattact	1140
acccggagta	caagctgctc	ttcgagggtg	caggtagcaa	ccctggagac	aagacgctgg	1200
aggaccgatt	ctttgagcac	gaggtaaagc	tgaacaagtt	ggccttctctg	aaccagttcc	1260
actttggtgt	cttctatgcc	ttcgtgaagc	tcaaggagca	ggagtgtcgc	aacatcgtgt	1320
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tctagcgtcc	tggcccaagg	ctctcaattg	cactctttgt	gtgtgtgtgt	gtgtgtgtgc	1440
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cggggtgtag	tacgtgttcc	tagcggctgc	ccagttctcc	tgacctctt	agagactggt	1560
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cactttcatg	ttcctcccta	actccctgac	ctgagaaccc	tggggcctgg	gggcagtttg	1740
agcctcctct	cccttctgtg	ggtcgctccc	agagccatgg	cccatgggaa	ggacagagtg	1800
tgtgtgtcct	tggggcctgg	ggggatgttg	ctcctcagct	ccctccctca	gccctgcccc	1860

tctgagacaa taaaactgcc ctctctaagg ccaaaaaaaaa aa

1902

<210> 7813
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (639)...(378)
<223> similar to gi642605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7813
taaaaagggc cccctttttt tttttttttg tccctaaata gcatgcggtc atgacgctgg 60
ctcactttat ttttggcccc aggtcaggtc tcccaaaggg tttcccagca gtcacttcag 120
agtctcctgc agagtcacca tcaagcagac ctcttctctg ggaggccgtg tgcgccacccc 180
aacccttgac ttctgggtatc accatctcct gtcacctggg ctccagtctc tgtccgatgg 240
cctcaacagg acatcaaagc atagctacca gtttgaaggt gccctcaggc ttggcaggaa 300
ccacgtggac aaaagtcttg tagagcacag cacccttggg cagcctggtg atcagatcca 360
cagcctccgt gtttctggga tgaggcacgt agacctcctt agtgtagcgg actatcccct 420
cttccagggc atacagacat ttattcttcc caacaccac atgggcacct gggtgccagc 480
ggaaatggcg ctgtgttgca atgatgttcc cagcatgaac atagtgcct tccattttct 540
taatgccttg gcgtctgcct gatgactttc caccgaggtt tttggagcta ccaccgact 600
tcttgatgc gtatctgaca gcaagagctg tagccggagt ggggcttagc aaggatgtaa 660
cggctgtccg ggtcctcagc gccaacacca ccgacgccat gccggacgcg tgggtcgncc 720
cggaaaggcc gtcgatgtcc gcacgcgatc aatnggaccc ac 762

<210> 7814
<211> 3021
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (527)...(2435)
<223> similar to gi4868122 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7814

tttcgtatga	gaggtctgtg	gagtttctgc	agccgcgcgc	agaggagacc	tcagcatcat	60
ctagagccca	gcgctggccc	tgccctccgc	tgccccgcgc	ccgcgcgcgc	cgtttctgtt	120
cctgctactg	tcccacctaa	acaactcccg	ttacacggac	aagtgaacaa	ctgtggctga	180
cctctccttt	tcttctctct	cttccaactc	cttctctctc	tcccacttcc	cagccgcagc	240
agaaagcccc	caacccaact	gacactggca	caactgcaaa	cgggtgtcatc	cgcacaactt	300
tatctcgctc	ctcgggctcc	cctaaggcat	tggaacctac	gccgcgtctt	ttattttttg	360
caaagttgca	tcgctgtaca	tatttttgtc	cccgccacct	ccctctgtct	ctggagtggc	420
ctacagcccc	gcaaaactct	cctggagctg	cgccctagtg	cccctgctgg	gcagtggcgt	480
tcccccccat	cctcccgcg	ccagcccctg	ctgctctggg	cagacgatgc	tgaagatgct	540
ctcctttaag	ctgctgctgc	tggccgtggc	tctgggcttc	tttgaaggag	atgctaagtt	600
tggggaaaga	aacgaaggga	gcggagcaag	gaggagaagg	tgccctgaatg	ggaaccccc	660
gaagcgctg	aaaaggagag	acaggaggat	gatgtcccag	ctggagctgc	tgagtggggg	720
agagatgctg	tgcggtggct	tctaccctcg	gctgtcctgc	tgccctgcgga	gtgacagccc	780
ggggctaggg	cgccctggaga	ataagatatt	ttctgttacc	aacaacacag	aatgtgggaa	840
gttactggag	gaaatcaaat	gtgcactttg	ctctccacat	tctcaaagcc	tgttccactc	900
acctgagaga	gaagtcttgg	aaagagacct	agtacttctt	ctgctctgca	aagactattg	960
caaagaattc	ttttacactt	gccgaggcca	tattccaggt	ttccttcaaa	caactgcgga	1020
tgagttttgc	ttttactatg	caagaaaaga	tggtgggttg	tgctttccag	attttccaag	1080
aaaacaagtc	agaggaccag	catctaacta	cttgaccag	atggaagaat	atgacaaagt	1140
ggaagagatc	agcagaaagc	acaaacacaa	ctgcttctgt	attcaggagg	ttgtgagtgg	1200
gctgcggcag	cccgttgggtg	ccctgcatag	tggggatggc	tcgcaacgtc	tcttcattct	1260
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tttggaacatt	cacaaaacttg	ttcaaagtgg	aataaaggga	ggagatgaaa	gaggactgct	1380
aagcctcgca	ttccatccca	attacaagaa	aaatggaaag	ttgtatgtgt	cctataccac	1440
caaccaagaa	cgggtgggcta	tcgggcctca	tgaccacatt	cttaggggtg	tggaatacac	1500
agtatccaga	aaaaatccac	accaagtgtg	tttgagaaca	gccagagtct	ttcttgaagt	1560
tgcagaactc	cacagaaagc	atctggggag	acaactgtct	tttggccctg	acggcttttt	1620
gtacatcatt	cttgggtgatg	ggatgattac	actggatgat	atggaagaaa	tggatgggtt	1680
aagtgatttc	acaggctcag	tgctacggct	ggatgtggac	acagacatgt	gcaacgtgcc	1740
ttattccata	ccaaggagca	accacactt	caacagcacc	aaccagcccc	ccgaagtgtt	1800
tgctcatggg	ctccacgatc	caggcagatg	tgctgtggat	agacatccca	ctgatataaa	1860
catcaattta	acgatactgt	gttcagactc	caatggaaaa	aacagatcat	cagccagaat	1920
tctacagata	ataaaggggga	aagattatga	aagtgaacca	tcacttttag	aattcaagcc	1980
attcagtaat	ggtccttttg	ttggtggatt	tgtataccgg	ggctgccagt	cagaaagatt	2040
gtatggaagc	tacgtgtttg	gagatcgtaa	tgggaatttc	ctaactctcc	agcaaagtcc	2100
tgtgacaaa	cagtggcaag	aaaaaccact	ctgtctcggc	actagtgggt	cctgtagagg	2160
ctacttttcc	ggtcacatct	tgggatttgg	agaagatgaa	ctaggtgaag	tttacatttt	2220
atcaagcagt	aaaagtatga	cccagactca	caatggaaaa	ctctacaaaa	ttgtagatcc	2280
caaaagacct	ttaatgcctg	aggaatgcag	agccacggta	caacctgcac	agacactgac	2340
ttcagagtgc	tccaggctct	gtcgaaacgg	ctactgcacc	cccacgggaa	agtgtctgtg	2400
cagtccaggc	tgggaggggg	acttctgcag	aactgggtaa	ccctgaaaag	gtttgtctcag	2460
aacatccttt	gctggccaac	tgactgact	ccagaaagag	acttctaagt	gtaatcagag	2520
agcaaagcat	atgctgtctg	ccccctggaa	gcaagaggaa	ggaagaatcc	aagggaagtt	2580
atatggcgga	tattccaccc	aaccaaaatc	caaaactgac	tgttcctttc	tgttgcactg	2640
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cagagatttc	aaaggactaa	aatcttcatt	ttaaatagag	ttaattttgc	aaaggggtgc	2820
aattgtttct	catgatctct	gcttctctag	aaatgtctct	cattctctgc	tgagtccagg	2880
tctccaaata	actatgggtg	taaaagcctg	tttctactt	gcatatttat	ctttcagatc	2940
attttgtaac	tatctccctc	cttttttccc	tcgcttccct	tattcagcaa	atatttggtg	3000
gtctcatgct	cagtccctgg	t				3021

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<210> 7815
<211> 3139
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3096)...(1502)
<223> similar to gi32354 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7815
ttttttggag cgaggatata gaagatttat tcgaagtcca ggtacagact ggccaacctg      60
cctctacagc gtccacagcg aacacagggc tagacaaggg aggagtttct caaacggttt      120
taatcggttc tctccgcgtc acaagccatc gggtaaggca acggaatgtg cgtgggggtcc      180
cctgtggctc cgcggtcaca atactgagcc tgggaattgt gttagcaaaa tatacatttg      240
tgtcaccata aaaaaccgcg ccgcgcgccc tcgggtctca caacaggtat aaaaaattat      300
aaatatttac acccttggtt cacgctttta cggaaagggg atcctaggag agcccccggg      360
acaggacgcy ggggcggtag aaagagcaca gagaagacag gaggagcgcc cgccttcggy      420
gtcccagcat cagaggcagg caaaacacag aaatgagact ttggtccaaa atttgaagga      480
agaaaaaacc ctgaagtgtg agagcaagtt ttctaggcga ctgcaggtga aggcgtgggtg      540
taaggcaacc ggaggcgatg ccagaggcgg cgacacgccc gcccttccc tgaagctcag      600
gggctctaag ataggaccgg ggctccctgt gcctgaccca ctgggcggcc ccgcctgctc      660
tctggaaact gggctcctgcc tgtgacttaa ttacaaggaa taaaataaaa gtaacagcat      720
acaaggtaat accacaagga agtttagatt acactcatac cattgtatca tcttgctata      780
aaaagt tact taaaactatt tcttttgcat ataaatgaaa aaagattaga atatttggtc      840
aactggaaat attgctaggc acagacgtct gcaactgcaa agtatataat acagagatta      900
tgtcgaccag ctccgcagct ggagcagcgg ggagcccggc tgggggcaga agggaaggcc      960
ctgggggcgg ggtgaaggga gaatcacgtg acttgattag agggctgggg ttggggtgtc     1020
gcagccgcgg ccgccgcgcc ccagctgcat gatcctgcag gagccggcca ggccccctgc     1080
ctctctctgg tgtgaccccc tcaccccttg ggtccccagg acaccccggy tgggtgtgtg     1140
gctgcaggaa ggcaggtttt ttaaggcaca aggaagccaa gtcgtggtcg gggcgccccac     1200
ctgcaggccc cacgcccagc acaggcccca ccaaggcatg gccccgaggy tctggccccg     1260
ggtgtggagg gccgggaact cccgctgcc aagtcaccaa gagcctgagc tgtccctgtc     1320
accgcagggt gagcaagggt aactagattt aattttttta aaaacaggta aactgatttc     1380
tctttaaaaa aataaaaact ctgggtctgt aaggtcactt cagctgtttt taaagtggct     1440
tttctctgga atgatggaag ttgtcgccag ggggcccggc cgtgggggccc tgtgccccta     1500
gatggtggac ttggagaagg agaccgcag gtggtggttc tccccgaggt cgtggttgtg     1560
caggtcaatg agggcctgga ccgcctcctc cacggagccc atctggatca gtgccatctt     1620
gcggtccttc tggaagaact tgaatccttt gacgacgccc ccattgctgg aaaacaggac     1680
cttgagatcc tcctcggaag ctgaggcggy gatgttgagg aggtgcagcy tggccgaggy     1740
cggaatatg ttctggaagt tcttgagacc cggtctcttg aagcgggtgca ggggtgagtt     1800
gccgtagtcc ttggtcaggc cctggtcctc ctggccctcg cggggcagct gcacgttctg     1860
gtgcttcgag agcgtgatgc ggatgggctt cccgtgcagc ttgtgcccgt tcagggtggct     1920
catggccagc tgggcctggt tgccgtccgc catctgcact agggcggttct ccttcttatt     1980
gaacaggatc ttcacgcgct gcacgtcacc gtagacgcgy aaaagaataa agaggctttg     2040
gggtgtgact ctctctgggt tgaggttgct gaccagcaat acagaatttc ctgccccgc     2100
caggcccggg atggcgatcc gacctgccgc cgcagctgcc gccgccgcgy aggggatggc     2160
caggggggccc agggcgccgt ggacgttcgy aacggaaagg ccgaaggccg cggccatggt     2220
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cttgctcattg ttgtacttga cgttgaggct ggtgagcttg gaaaagtcga tgcgcagcgt     2340
gcagcaggcy ttgtagatgt tctgcccgtc cagcgacagc ttggcggtgt gggcgctcac     2400
ggggtccgca tactgcagca gggcctggaa ctggttggtc ttggtgaagg tgatgatctt     2460

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caacactgtg	ccgaacttgg	agaaaatctg	gtgcagcaca	tccaggggtca	cagggtagaa	2520
gaggttctcc	acgatgatcc	tgagcacggg	gctctgccc	gccatcgcca	tccctgcatc	2580
cacggccgcc	gccgaggcag	ccaaggccag	gttccccgac	tggaccgagt	tcaccgcctg	2640
cagggccgcc	tgggcccgcg	cctgggttgg	agagctgtcg	gtcttcagct	ccttgtgggt	2700
ggagaactgg	atgtagatgg	gctggccgcg	cagcacaggg	gtcaccgagg	tgtagtagtt	2760
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catgataaac	gggtccgttag	tgacacaagt	agagaaaagc	tcgtcagatc	cccgttttgt	3060
accaacggct	atatctggga	caatgccgtc	catggcacac	agagcagacc	cgcgggggac	3120
ggagtggagc	cgccggaat					3139

<210> 7816

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1055)...(396)

<223> similar to gi4929681 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7816		
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acacatcaga	gaacaaaacc aaaagccctg cccttgctcg gcttacagtc tagcacttac 120	
cgccagttaa	cctgcaggct acctggagcc ccgggcaagt caccgcacct ctgtgcctcg 180	
gtcctcagct	gcccaatggg agaataagca gacctggctc agacatgaat catgtgcttg 240	
gtgtactgca	gatgccaaac tgcacccca caaccacca cgtagacagc agacagggct 300	
ggaagttagt	ttttaatgat aaagtacaat gaaggagggg cagaggggct aagcctagct 360	
gtctggggtg	ctgtgggtgg gttagactgg ctacacaaac tgttgctgct gctgctgctt 420	
cttggtggcc	gccttgctgg cgaggtcctt ggccttctct gtagctgcca gtgccgtctc 480	
ccttgccctc	tccttggtct ccttggtgt ctcaacaagt gttttggaag gggcctcgcc 540	
ttgcagctta	gccaagatat attcaaaacc cttcatagtc ttggtcacgt tgcttttgaa 600	
ccgggcaaga	ccaaattcct ggacagctct ggagacacca aataagctag aggagacca 660	
ggcttcccg	cggatttcag tccagccact gttgtcagag ttcacacagt aaacacatcg 720	
ttcctccacc	accatcagcc gggcgtgggt gatgttcag gtgaaggtag tcatggctcg 780	
attctgtggg	tccacaatag agtcctccag gacgtacacc gagttagcaa cattggcagg 840	
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cagtttctgg	tcaggggtca cctcccgggt tactatgtct tccgtcaaga catgtttgct 960	
atagggattc	gggtaccgct gccagaaggc ggcgaacact tgggtccagg aactccggag 1020	
cacgctctgg	cccaggaaat acttcacat cgtcccggcc gaagcgggct cagcaccgcg 1080	
gcagcatcag	gggtgcggag cctgggaggc acgcgagggc cgggcccggc cggggctcgg 1140	
cgcacaccgc	ccgccaggct cgtagctcag tcaccaccgc accgcgcccc agcagctgcc 1200	
gccgccgcgc	ccgccgccat gaggttg	1226

<210> 7817
 <211> 1206
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1097)...(731)
 <223> similar to gi2764974 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7817
tttttttttt ttctggggttg gggttttttca tgggtttttg ttttgtttat ttcgaatact    60
gaaaaagtcc tttgggctct gtgggggttcc ccacgctcac ggctccttc tcccacactc    120
actgcccttc ttcccacagc aaatctatct caaggacagt actttttaaa atgattaatg    180
ttgagttctc aactagctct gcagaactag aggagctgtt tgcactctgtc tgtgcggatg    240
gagtttcttt tatctgacac caggtctcca accacactga aacaaggcat ttatctacag    300
agctcaacta gaaccccttt tcattaggct actccacttc cttccctca tacctacccc    360
acatcagcca cgtgggtaag aaggatagtc aggaatgttt ttaccaactc caagccctaa    420
ttcatactcc tccatatctc ccaccccacc ctttcaaccc cacccccacc cccagaattt    480
cattgatatt tctcccaact gttattttgga aaaaaggtaa aacaaaaaag gttcaaggtc    540
ttggtgctca gcccaagggg ctccatgtgc tgggacacca acaggaaagg gcttctgcct    600
ctccagccca caccgagcc acctcctgac ccctggctgc aaaagcagga aggggcagga    660
gccagcacag gacccgggtg gggcagggag ggggaagctc tcaggatctg gcagagcccc    720
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cctaggcttg ggtatttggc ctttagcttt gcctcttcag ctctctcagg cagaatacct   1020
tctttctcct gcgtgtcctg cttctcctcg cgggtctcct ccgcagggtt ctcttcttct   1080
tgtttctggg acatggcggg accgggactg tggagtgtaa ggggcccggg aaggcaaccg   1140
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tagggt                                           1206

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<210> 7818
 <211> 1260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (81)...(912)
 <223> similar to gi4050096 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7818

tgcgcgtg	cagggataag	agagcggctc	ggacagcgcg	tggccggcgc	cgctgtgggg	60
acagcatgag	cggcggttgg	atggcgagcag	ttggagcgtg	gcgaacaggg	gctctggggc	120
tggcgtgct	gctgctgctc	ggcctcggac	taggcctgga	ggccgcccgc	agcccgtttt	180
ccaccccgac	ctctgcccag	gccgcaggcc	ccagctcagg	ctcgtgcccc	cccaccaagt	240
tccagtgcgc	caccagtggc	ttatgcgtgc	ccctcacctg	gcgctgcgac	agggacttgg	300
actgcagcga	tggcagcgat	gaggaggagt	gcaggattga	gccatgtacc	cagaaagggc	360
aatgcccacc	gccccctggc	ctccccctgcc	cctgcaccgg	cgtcagtgcg	tgctctgggg	420
gaactgacaa	gaaactgcgc	aactgcagcc	gcctggcctg	cctagcaggc	gagctccgtt	480
gcacgctgag	cgatgactgc	attccactca	cgtggcgctg	cgacggccac	ccagactgtc	540
ccgactccag	cgacgagctc	ggctgtggaa	ccaatgagat	cctcccggaa	ggggatgcca	600
caaccatggg	gccccctgtg	accctggaga	gtgtcacctc	tctcaggaat	gccacaacca	660
tggggccccc	tgtgaccctg	gagagtgtcc	cctctgtcgg	gaatgccaca	tcctcctctg	720
ccggagacca	gtctggaagc	ccaactgcct	atgggggttat	tgcagctgct	gcggtgctca	780
gtgcaagcct	ggtcaccgcc	accctcctcc	ttttgtcctg	gctccgagcc	caggagcgcc	840
tccgcccact	ggggttactg	gtggccatga	aggagtcctt	gctgctgtca	gaacagaaga	900
cctcgctgcc	ctgaggacaa	gcacttgcca	ccaccgtcac	tcagccctgg	gcgtagccgg	960
acaggaggag	agcagtgatg	cggatgggta	cccgggcaca	ccagccctca	gagacctgag	1020
ctcttctggc	cacgtggaac	ctcgaacccg	agctcctgca	gaagtggccc	tggagattga	1080
gggtccctgg	acactcccta	tggagatccg	gggagctagg	atgggggaacc	tgccacagcc	1140
agaactgagg	ggctggcccc	aggcagctcc	cagggggtag	aacggccctg	tgcttaagac	1200
actcctgctg	ccccgtctga	gggtggcgat	taaagttgct	tcacatcctc	aaaaaaaaaa	1260

<210> 7819

<211> 1035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1036)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1016)...(257)

<223> similar to gi3970866 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7819

gaggcgccgg	tagtgaaggt	gggaagtgtt	ggagcaagcg	tactggcgg	tgagaagggg	60
gcggtaggtt	tttgctttaa	ccaactgagt	ctccttcacc	ttccaatcta	aggaccagct	120
aagacgatga	agtggaaggg	tgccagancc	gccccctctg	ctccctatgc	tgtgaggcag	180
cccccttcca	tactggcct	ctgcttccct	ctccccattc	cgctgcccag	ggctgctctg	240
cagacccagc	tgggtgctgg	tcgggaagcc	agagcccggg	cctcccccgga	ctcaccatta	300
ctgtggtttc	ctgtttggag	ggaggcaggg	ggctgcaggt	tgctgctcaa	ggccccgtac	360
ccgcggtaac	tgtagttgag	gccgccgttg	gcgtacacag	ggtcctggga	gtaggaggag	420
gctggcagtg	agtaggtgga	gtgggtgatg	gctgcggagt	cccgcgagtg	ctgcttgtcc	480
agggtcatgg	gctcatcctg	tgaggactgg	tagatctcta	gacgcatccg	cttggctgcc	540
tttcttgtct	cgctctcaca	ggcagctgcc	aggatgtttt	ctgccatggc	cgaggtcaga	600
tgggggtggc	tgggtctggg	catctccatg	ccgttcttct	tcatgcgacg	gcaggacttg	660

aggtacgtgc	ggatgcgctt	gcgggccgc	tcctggaact	caggggaactg	ccggctgcag	720
gactcgatga	tggcctggat	cttctccttg	ggctgcttgg	agatgggcac	catgcggtcc	780
aggttctcgt	ccacaaagag	acgcacaaac	atgttgaagg	ccttaagacg	ctcaggggcc	840
atgccttcag	agtcgttcat	cttgtcattg	tcctcatggg	catcgtgggc	atcgtcgtca	900
tcactctgcc	tcggggcccg	gcccactgtc	aggtcctcag	ggcagccgct	gacctcgggc	960
ttgatggaat	cgtatctccc	agagctgtaa	gggggggccc	cgggggtgtc	ttccccccgc	1020
atttgacgcg	gatgg					1035

<210> 7820
 <211> 1085
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1086)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (643)...(795)
 <223> similar to gi5306259 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7820						
cccccccaa	gttttttttt	ttcttttttt	ttttttgtct	agaaaaaagg	cttttattgt	60
cccaggctgg	agggcagggg	cagaggtagc	tgacatcatt	gcagatgatg	ggctggcggc	120
tacgacagct	catgagagct	gcaaagcgtg	agacatccgc	aggcagttca	ggttctgggc	180
gaggtgggca	tgacagccgc	tttctgcca	tagctgtccg	ccgagccctg	gccagccggc	240
gccgaagctg	ctcagagagg	ccaagcagga	actgaggggg	ccgagcacgg	gcacgggtgcc	300
cacctccgtc	acccccctca	ctccctgtct	caggcagctc	catccagttg	tgcaccaagt	360
cagcaaagca	attgtccctt	agtaccaggg	gctggcgact	gcgaccctg	ttcagtaggg	420
ctgctgtcca	gtcctctgct	tccagtcctt	gccagtgtct	caggcagggc	tctgggggtg	480
acttgggccc	tggatgggtg	acaggtggta	cactggctac	aggggcccctg	ctgggcatgg	540
ggaggccact	gactgagagg	cactgcctac	gaaggggctg	tgctgagggg	gctgggctgt	600
gggatacagg	cagttcttcc	tctcgccatg	tgctgcctga	cacctccgag	aagccagagt	660
cccagtcagg	ggcatgtctc	ctggggcctc	ccaaggctgc	atccctgtct	tctgtcacca	720
ctgcttctct	ctcctctctt	tcctctctct	ccacacagca	gactgagtc	tcttccaagg	780
cacccgaggc	ccctaagctg	gtggctgggc	tgacatctg	ggccagtttg	ggaggttggc	840
tgacggggac	caggcattga	gggtgagcct	gtgtcccgac	cacacaacag	ttcccagcgg	900
agctggctaa	ggaagctgtc	aagccgagcg	ctgtgcatgt	ccatgccagg	gccccaccg	960
aacctactag	ctcctcttgg	aaccccggcg	gagccgcgcg	gagagggctg	ggagggcgcg	1020
ccagcggcgc	cctcaggaat	tcnccgcac	tgtactaggg	tcttcgagg	nnnnnnnccc	1080
cgctc						1085

<210> 7821

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<211> 2208
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(2101)
<223> similar to gi4071357 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7821
gcggtggaat tcgcggaggg agcgcctgacc atggctccct ggccctgaatt gggagatgcc      60
cagcccaacc ccgataagta cctcgaaggg gccgcaggct agcagcccac tgcccctgat      120
aaaagcaaag agaccaacaa aacagataac actgaggcac ctgtaaccaa gattgaactt      180
ctgccgtcct actccacggc tacactgata gatgagccca ctgaggtgga tgaccctgg      240
aacctaccca ctcttcagga ctccggggatc aagtggctcag agagagacac caaagggaaag      300
attctctgtt tcttccaagg gattgggaga ttgattttac ttctcggatt tctctacttt      360
ttcgtgtgct ccttgatat tcttagtagc gccttcacgc tggttggagg aaaaatggca      420
ggacagttct tcagcaacag ctctattatg tccaaccctt tgttggggct ggtgatcggg      480
gtgctgggtga ccgtcttggg gcagagctcc agcacctcaa cgtccatcgt tgtcagcatg      540
gtgtcctctt cattgtctac tgttcgggct gccatcccca ttatcatggg ggccaacatt      600
ggaacgtcaa tcaccaacac tattgttgcg ctcatgcagg tgggagatcg gagtgagttc      660
agaagagctt ttgcaggagc cactgtccat gacttcttca actggctgtc cgtgttgggtg      720
ctcttgcccg tggaggtggc caccattac ctcgagatca taaccagct tatagtggag      780
agcttccact tcaagaatgg agaagatgcc ccagatcttc tgaaagtcac cactaagccc      840
ttcaciaaagc tcattgtcca gctggataaa aaagttatca gccaaattgc aatgaacgat      900
gaaaaagcga aaaacaagag tcttgtcaag atttggtgca aaacttttac caacaagacc      960
cagattaacg tcaactgttc ctcgactgct aactgcacct ccccttccct ctgttggacg     1020
gatggcatcc aaaactggac catgaagaat gtgacctaca aggagaacat cgccaaatgc     1080
cagcatatct ttgtgaattt ccacctcccg gatcttgctg tgggcaccat cttgtctcata     1140
ctctccctgc tggtcctctg tggttgcctg atcatgattg tcaagatcct gggctctgtg     1200
ctcaaggggc aggtcgccac tgtcatcaag aagaccatca aactgattt cccctttccc     1260
tttgcatggg tgaactggta cctggccatc ctcgctcgggg caggcatgac cttcatcgta     1320
cagagcagct ctgtgttcac gtcggccttg acccccctga ttggaatcgg cgtgataacc     1380
attgagaggg cttatccact cacgctgggc tccaacatcg gcaccaccac caccgccatc     1440
ctggccgcct tagccagccc tggcaatgca ttgaggagtt cactccagat cgccctgtgc     1500
cactttttct tcaacatctc cggcatcttg ctgtggtacc cgatcccgtt cactcgctg     1560
cccatccgca tggccaaggg gctgggcaac atctctgcca agtatcgctg gttcgccgtc     1620
ttctacctga tcatcttctt ctctctgatc ccgctgacgg tgtttggcct ctcgctggcc     1680
ggctggcggg tgcgtggttg tgcgggggtt cccgtcgtct tcatcatcat cctgggtactg     1740
tgccctccgac tccctgcagtc tcgctgcccc cgcgtcctgc cgaagaaact ccagaactgg     1800
aacttcctgc cgctgtggat gcgctcgctg aagccctggg atgccgtcgt ctccaagtgc     1860
accggtgct tccagatgcg ctgctgctgc tgcgtccgcg tgtgctgccg cgcgtgctgc     1920
ttgctgtgtg gctgccccaa gtgctgccgc tgcagcaagt gctgcgagga cttggaggag     1980
gcgcaggagg ggcaggatgt ccctgtcaag gctcctgaga ctttgataa cataaccatt     2040
agcagagagg ctgagggtga ggtccctgcc tcggactcaa agaccgaatg cacggccttg     2100
taggggacgc cccagattgt cagggatggg gggatggtcc ttgagttttg catgctctcc     2160
tccctccac ttctgcacc tttcaccacc tcgaccggg aattccgg      2208

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<210> 7822

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<211> 1015
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1016)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (913)...(192)
 <223> similar to gi4929623 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7822

tttttttttt	ttcatatctg	catagtttta	tttctttctc	aattccacca	gaaaaaggga	60
ttttcagaaa	aaggcacagt	tgtgcttcct	ctaaagatgt	agtctgcggt	ttgggaagtg	120
ctggttcctt	gaggttatct	ggagcgtctg	ttgtaaagaa	gaaagttctt	gtcttggcag	180
agcaggcaga	gtttcaggct	tcggcagctg	cctcccgcag	ctaagaatgc	ccagggtgcc	240
atgagcacca	ggattataaa	tgctgacgcc	aggtttattc	cataataaga	acttatgaag	300
gtctgggctg	acaccagcag	gtgggtcagg	agaacgataa	ggaggatgcc	ccactttttc	360
ttctcacagc	catcaaaaaa	tacaatgccc	cagaatacat	gcagcaagat	aatgaccagc	420
gtcatgaaa	ctgaataaa	gaagaattga	ggagaatctc	catgaatgcc	cactgtgcct	480
ggccccaagg	agtcagatag	ggtattcaca	aaggaaaata	ctccactcat	gattccaaag	540
cccaagccag	aaacataggc	cagcagtcgc	atagaggggtg	ctgtctcacc	tgggtttata	600
ctcttcaaac	cttcactggc	tttttttaag	agttttataat	atgcaaatacg	gaacattttct	660
tggatataga	cagagacaaa	cgctccaaag	atcagcagat	atttctgtgt	tgggtccatct	720
ttgttgctca	taatgactct	tgccatgaac	caaacaaggg	acgaaatcag	tagagacacc	780
aaccagaaga	aagctccggc	gatgaggaag	atgatacgca	acggctcggg	ggcgatgggtg	840
aagacataaa	gggcgagcgc	aggcccgaag	gcaatgaagg	cgcagccgaa	gaacacggcc	900
gcagtcatgg	ccaccgcgga	aaccgaccgc	ggggcccgtt	ggggacgcga	gatgctccc	960
gcgcgggcgg	ggttcgggtga	attccaccgc	nctggactag	tgatctgcga	tcaaa	1015

<210> 7823
 <211> 2646
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2647)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2247)...(27)
 <223> similar to gi4426607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7823

tttttttttt	tttaagactc	tgttatgatt	ttattttcttc	aattgtttcca	atcacagttt	60
ctaatacaga	aataaaacta	ttcagcgtct	ccgttcttgc	ttcattttgt	ttcacagaga	120
tctgcatttc	tgagtttcca	ggctccaata	gcagttctgt	taagaacaga	cagccagtat	180
catcctgagc	actgaggtat	gctttccatg	gccgagaccc	agccctactc	attgcgatgg	240
tctggatggt	cactacttga	agagccatct	ggaggggtgc	aggatggaat	tctccccgcc	300
aaggcaacac	ttgctgatga	gcaactttaa	ggctaagcca	agttttctca	aaataatcag	360
cagtaagctg	gcgattgggg	actagcatga	gggctccaga	atcagggagt	tcttgtaccc	420
tctccttggt	ctcttcagga	atcaagggtc	ctgatgcggc	aaaggatgaa	gttttaggaa	480
gctctgggtc	acaacgctct	gccccctggc	atttagagat	agttgccag	tgggctttgc	540
catacactgg	caccagtgtg	ttgaagtctg	aggcccagct	attcacaggt	ctttctgccg	600
gatcctccaa	aagtccaaga	gtagggctcag	atttagggct	acacagaatc	cgcttaactt	660
catcaatgcc	aactaagagg	aggcgataat	agaagagacc	tcggtcccgt	acagccatat	720
ctttttcttc	ctctatgcag	taatacaaca	aacgtcctag	catgtcctgg	cactcagcag	780
gtcgggagag	gaaaaggcgc	agcaaagcag	tgagcagctc	catcttaaca	gctggaaatg	840
tttccgactt	cacattctca	acaaagtcct	ctaacacata	aggagcatta	ggaattcttt	900
ccccatggac	accaagtagc	caaataagtg	cttgcttccc	ctcactatct	tgaatgttct	960
cttcacagcc	gggcagggcc	tgacatacag	cttcagtaca	ctgaggacac	aaccaaacca	1020
ggtctcggaa	agtctgcacc	accactgtgg	taatgtgtct	ttgtcgaaga	cccagcaact	1080
ctgttaaaat	ctgaacacat	tgatctgtgt	aagtcctggc	aatgccacct	atggcaaaga	1140
tggcagcctg	tgcaaagtc	gcagacacat	ccgtgcagta	ccctcgaagc	tcctctagca	1200
cctgctgcac	attctcatcg	ttcaccagtt	cacacagcac	ctccactttc	tgtagtttga	1260
tgtagtgggg	ctccgagtag	gagcaaaaaa	actttttgta	gtggctgcta	aagtgaacctg	1320
gtaaaactatg	caagatctgg	cgtacatgac	aaagagcaac	aaaacagagc	tcacggctct	1380
ctgaagaaca	ggcagctagc	aaaggtcctc	tgaccgcac	aaggacatca	gtttgtacgt	1440
ggggaaacat	ttttgccaaag	atcagaaaaa	gtttggtagc	tcccatcacc	acacctgggc	1500
tactgctctt	gaggaaacta	tccaacagat	tgagaatgtc	aaatagttct	tcctcactgc	1560
gggggttggt	gcgtagcaga	aagttcaata	cttcagcctg	gccccattgg	tccagttttg	1620
acattcgatt	taagagatgg	tgagcaatgg	gcttattgat	gacaacgcct	ccttctctgtt	1680
tcagaatttc	ctctagagac	ctcaagcagt	tcacaactac	aattggatcc	tggtcacgca	1740
gcaaactgta	taattcattt	accagggcac	catctacttc	agagtctcca	tgaagattat	1800
gcatcttggc	acatccaagg	actaccactc	tcctgacata	tgaagcctta	tcccgcagac	1860
cattgagaat	aggctgttgt	atatactcct	gcacaccagg	catcctgagg	ctacacatgc	1920
tccgtaacgc	cagccctcgc	accattggat	tggggctctga	gcagtctttg	cacagcgtat	1980
tgatggccag	gagagccaga	tctggtttca	ggggagcata	tgtgcacatg	tacagataaa	2040
ccaacttctt	ctggacaata	tctacagtgg	cactggcctt	caccatttcc	ataaaaacac	2100
cagacatgtc	caagccttga	gtcatgtacc	taatcactcg	ctggatgaca	ttccggtagc	2160
gcagcctatc	agcttgaatg	tgaggattgc	acagagcctt	cttcagctcc	ttcaccacgt	2220
cctcggagcc	aaggtacggc	atcttctctaa	gagtcacagg	gcagctccca	cagctcccac	2280
ggtaactcga	gggctccttc	tcgtcctgat	gtgggagcca	tcggccggca	ggcggttcgc	2340
cccgccca	gatcgctccc	gctacttcta	ggtcctccgc	cggatttcca	gcgccgcgtc	2400
cgactgaccg	cagacccttc	cctctccagt	tccagcctta	attccccctc	cacgccgttc	2460
tcatcgcgga	taggccaat	cttgctttct	gcggaagtcc	cgcccccttg	tcaagagacc	2520
aaacagaaga	gcgctgccgg	tctccccgcg	agcgagcgct	aagcgtagtc	ccgactccga	2580
ccttaggatg	cccttcacga	aatcgtcgac	ccgggacatt	ncnmacggtc	ctgcagtggg	2640
aggcat						2646

<210> 7824

<211> 853

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (493)...(150)

<223> similar to gi286065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7824

tttttttttt	ttttgttggt	gacatgttga	atattattaa	cccattttac	agaggggaag	60
caaggctcag	agaaagttaa	aaagggaccc	aaggtcaggg	gcagaaatgg	gaggcagagg	120
ggaggcaccc	atctcacacc	ccacccttag	ggactaaagc	cgtagccaac	agagcagtag	180
taatccgcgt	cgtcttcagg	ctgcacggga	ctaattggtga	ggacacaggc	attgtgggcc	240
tcataccttg	ctgccgagaa	tcgatcgggg	atgtcagcag	gccggtggtg	atcctcctcc	300
gagcggtagt	agaggagata	tcgaggggca	ctgcctgccc	gctgctggtg	ccaggacaca	360
ccgtagtccc	tgatggtgac	gtgctggggg	ctgagcgtgc	aggagagttg	agccacttgg	420
cctgggaaga	ccagcagtgc	atccagctgg	gccaggactg	tctgggaaac	tgcgagacac	480
aaaccactc	agcctgagcc	ccttccctcc	caccctgcc	ctgtgaaggc	ttggttggac	540
tccatggaga	ctcccagtcc	caaagggctc	atagcccagt	gctatgggat	tagcaatgaa	600
cggggtgcag	gaggcctggt	tctgtgtgac	ttaggggtgc	ctatctggac	ctccatctcc	660
ctttgtgagt	gaggggtttg	gagttagccc	ccaaatctcc	attagtcca	tatcctcaag	720
gatctgtgtt	cagttaaagg	cccagagctc	agaaggttgg	actagcagcc	tctaggtccc	780
tctgtaccc	accacgttt	ctctgcagaa	ctgcacgaat	tccgccacgc	tggtctaggg	840
tctcgattcc	gct					853

<210> 7825

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (351)...(900)

<223> similar to gil808620 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7825

tttcgtctgg	agccgagcgc	cgccgccgaa	gcttccgtct	cgctcgctcg	cgcagcggcg	60
gcagcagagg	tcgcgcacag	atgcgggtta	gactggcggg	gggaggaggc	ggaggaggga	120
aggaagctgc	atgcatgaga	cccacagact	cttgcaagct	ggatgccctc	tgtggatgaa	180
agatgtatca	tggaatgaac	ccgagcaatg	gagatggatt	tctagagcag	cagcagcagc	240
agcagcaacc	tcagtcccc	cagagactct	tggccgtgat	cctgtgggtt	cagctggcgc	300
tgtgcttcgg	ccctgcacag	ctcacgggcg	ggttcgatga	ccttcaagtg	tgtgctgacc	360
ccggcattcc	cgagaatggc	ttcaggaccc	ccagcggagg	ggttttcttt	gaaggctctg	420
tagcccattt	tactgccaa	gacggattca	agctgaaggg	cgctacaaag	agactgtggt	480
tgaagcattt	taatggaacc	ctaggctgga	tcccaagtga	taattccatc	tgtgtgcaag	540
aagattgccg	tatccctcaa	atcgaagatg	ctgagattca	taacaagaca	tatagacatg	600

gagagaagct	aatcatcact	tgtcatgaag	gattcaagat	ccggtacccc	gacctacaca	660
atatggtttc	attatgtcgc	gatgatggaa	cgtggaataa	tctgcccac	tgtcaaggct	720
gcctgagacc	tctagcctct	tctaatggct	atgtaaacad	ctctgagctc	cagacctcct	780
tccccgtggg	gactgtgatc	tcctatcgct	gctttcccg	atttaaactt	gatgggtctg	840
cgtatcttga	gtgcttacaa	aaccttatct	ggctgtccag	cccaccccg	tgccttgctc	900
tggaaggagg	aagacctgaa	catcttttcc	ctgtccttta	tttcccacac	atcaggttgg	960
cagctgctgt	gctttatttt	tgcctgtgtg	taaagtcctc	tcccaccca	gcacctacct	1020
gttctcaac	tagcaccccc	acatctctgt	tctaaatgtt	gttctcctgc	aataaaggac	1080
gtttgaatta	aa					1092

<210> 7826

<211> 1534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1396)...(963)

<223> similar to gi2344898 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7826						
tctccaaggt	catcaatatt	tcatatcttt	gttttagtgcc	tttaaagaat	aaatatcagc	60
attacttttt	aaatggtttt	attttatgta	caaataatga	acatacgttg	taccataaaa	120
ttctactttc	caaaaacagg	agctttttta	aagaaaacca	cataacaact	tttaaaaggc	180
gctgggattc	ctctgcttct	agatcaatgc	tgggctagaa	aagtaaagtc	tgttctatca	240
ggaatcacia	gttggaactg	agtattctcc	aaagtggaaa	ttctagagtg	tagtgtcact	300
ccaggcaaa	attattcagt	tctcatcccc	agcatccaca	actacctatc	agaagggtta	360
aaccagggtc	aaacagtcca	gcataattag	gcttcatcaa	acaatgtcat	tatgtctctc	420
taagatgcaa	ataaaccaaa	acaggaaata	ctaaaataaa	aatatctgac	actgccatac	480
aaattgttag	ttcctttttg	tatccccctt	tctataacat	taacaaagg	aatattttac	540
tgcaaagaat	attttatttt	atacatcact	agccatgaat	ttttgccatt	agttactata	600
caaagtctgc	ctagtgccat	tatccaaata	gcacaaccat	tttacgtcca	caattcactt	660
ctatagttac	aagtagaatt	ttcatgattt	acttaagtac	atctatcagt	aaagatttaa	720
cactgagatg	caatctaaca	tccgtaatat	ctgatattat	gtagatggca	atgcaggaaa	780
gatgtctttt	aatcgctttt	catttaagtg	accttatgta	aaaaataaaa	taatttagca	840
gttccaagta	tccaaagggc	attttcaa	gtacataaaa	gaaatgggtta	cagagatttt	900
taaggagcat	cttccatgtc	cacatcctct	tgtactgtct	gtaccatttt	ctcttccaac	960
tgtttccctt	tgcctgcaag	aggggctcgg	ataagatgga	tgttttgctt	gacttctttg	1020
atatcctgaa	ctttctgtag	ctctttat	ttcttcaatc	tgttcattat	aaatttagct	1080
tggcgcttct	gtttgatttc	ttcaactctc	ttcatcgcat	caatagtgtt	attccatagc	1140
tctcgctggg	atttgatagg	ttcatttcta	cgtttttcaa	attcaaata	attatccact	1200
gtaagctctt	taccagctgc	tttccggaat	gctttgggtc	acctaaactt	gcgaggattg	1260
cgcttctttt	taaagttttt	atgacattta	gatttgcaaa	atctgaacac	cttgcaatcg	1320
ttgcggacga	acatcatgcc	gtgtccagga	tagatgggcc	ccgaacagaa	ataacacttt	1380
tgcatacgca	tgttgaaccc	gcgtgtaacc	ccaccaaaca	aacgccaagc	ttgagaggaa	1440
gtgatgcaac	cccgctaccg	gaagttacct	tcttccccct	tccccgaccg	gaaaaaggca	1500
agcgtccttc	gttctcgcgg	gtctgttaga	ccag			1534

<210> 7827
 <211> 2222
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1996)...(1529)
 <223> similar to gi849238 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7827
ccatagtatc agttcaagct aagaaagcct taagaattca ataactcaaa atctctttga      60
gatttaaagt taaaaagtaa tatgtttcta ataatttcta atgtgcagga ttaatgacaa      120
ctgtattttg cattggcaaa ttatctcagc cagaagagat tcaaagatt ttcgtcaatg      180
ccagtttata aactagcagc acatgtcaat gccaaagcttg tgaatggatt ggctgagaaa      240
aattatatga gttagaaggg atctaagtgc tatactgggc actgattcta tttcacaaaa      300
gctaccattt ttaaaagctg aaaatgtaat tgggtgtgac aaaaacatgt taagttcaat      360
tactctgtat agctaaatat agaaaattgg ttaatgttta aagcaacttc ttatttggtta      420
agaagataat taaaaatagt taaaactgaa caattagcta tacttttata ttattaaaat      480
ccaatgaatt taacaaatga aaccacagc aaaagagatg atataattca aggcatagat      540
ttgacatgtc agaatacggc aaaaacaata aagatagcat cagtaaaaaca gttgtaaaat      600
aagtaaacaa ttttcaagtg tgcaaaacta gtcaggaata aaagtgtctat gtgtggatac      660
ctgggttttc aaatatattg ttcaaaaact ttcagctgga tgggtggaaa aactagaaaag      720
tattatataa gtaaaaattt taaagaatta tataaaaacc tactttatta tcttacatta      780
tgtccttggt atgtcacttg ctgaatctga ggcctattta attaccagat acaacacaaa      840
aggagggtaaa cacagtacat cacaaaggct gatttatcct gaaccgtaaa aaggctcctt      900
ttcaagggtat acctgtggat ttgtgtttca tcttatatcc tcaggcacct ctaggctggt      960
gatgaatttg aaaaccggac aaccatgatt ttctataatt tctaataac atatttagta     1020
catcttgagc aactgccctt taggtaggtc aatatttggg aagcaattgt tacaggaaat     1080
aaaaacaatt taaattcatg aaagtaaacc ccactactgc cacaatttaa ataatcattt     1140
taatgtgtaa atcctgaata tatcatgtta gaagatgaag tcgatgtatt tagcataatc     1200
tgtcttgagg tatttgacgt gtagatgact aaaaatacac ttgtggctgt ttcttcactt     1260
tgtatttttag cgacccgtac cgcacctctt tgcggccttt ggtggttttc acagatttca     1320
tgctttgcga tcttcgaggc cctttgtgtg ttaacatctc attatctgaa tatggccctt     1380
ctgcttcttc atctgttttc tcatctccgt ctttcagtgg aattccataa cctgctgatt     1440
cactgggggc tggtttactt ttcttttttg cttctggtag aggttggtat ggtctttgtc     1500
ccacaggctc atcaccttgg atagttgtta aatcatgcat actgaagctt cttaaagctt     1560
cagttattgc tccttggttc tttactgctg cagtaacagc agcagtagct gcaagggtta     1620
aaccttgccg tccaaagttt accatgggtt catagcctcg ttcctttgct tgtacaatat     1680
aatcatcaat ctccctttcc tttgaagaaa gaagtggatg aaggaatttt ctatatatta     1740
aacttgctcc tttggtatag ggagaaagca gccatatgac aaaagcaatc ttcagctcat     1800
agtacagggg aaaccaagca actgtttgat cggctactgt ttcaatcaca gtatagagag     1860
caaaaacaat ccagtacatc atccatcgaa catattcctt cacgtttttt gttttcacag     1920
ctttgtatga ataatatgca ggataaagca ttccaaacac cagcaccacg gctctggaga     1980
tcatccagga caccatcttc acgggggctt gggccccacg tccgtggtgc tggatgtggc     2040
tctatcgtcc acacggagga aggagggtgg gaggggtggtg cagaaccacg ccgccccagg     2100
tgagaagccc aaaagccata ggtggccacc tacgatgaca ccagaaaaca aatgaggctg     2160
cttcttcttg gatgccagc tccaggcttc tgtgaggagg agagactggt cgggtgacga     2220
aa

```

<210> 7828
 <211> 1247
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (696)...(433)
 <223> similar to gil085026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7828

tttcattcct	tttggctact	agtaaattccc	aaattgcata	tgagggtccc	atgggtgagg	60
aggcagaggg	cgggcctgtg	ccatgtccca	agccacaagg	gaacaggcct	gtgggctttt	120
cccaacaagc	aggctcagtg	ccagcctctg	tgtcagcctc	cagggcacgc	caaccttctc	180
atgggtgccc	aagccccacc	ccaatgcaca	cataggaagt	ctccaggctg	cttgggcaga	240
ggcacaatca	ttttagataa	aaaaaaattg	aacaaagaga	ccctcttgcg	agaggtgaga	300
tgaggccctg	ccatgcaaag	gagtcccagc	agaggaggaa	gaattccatc	ctggagttca	360
agtttctgtg	cagagacagg	acctggggac	agagaacggg	cctccacca	atttcagctg	420
gtctgtcctc	atcagctttg	ggctgagcct	ggggtgatga	gagggtggagt	ctccccctgga	480
tggtgaccgg	acttctggcc	aaacttgcat	ttgcattttg	cactcatgac	gatgatgatg	540
cccatggcgc	acagaacccc	agcgcagatg	agcccgccaa	cctggagggt	gtgccagtca	600
tagtagaaag	gactgttttt	atcttctagg	tcattggcgt	ccaggacagg	aaagcctgcc	660
aggaacacaa	gcaggccag	ggtcaccttc	tgcatgtcag	agcgtggcc	tgtgtggttc	720
accaggctga	gcagaggttc	cgggagaaat	cgggtgccca	ggcggagtcc	tgcgtttatc	780
cgaagctgcc	acgccctaag	caaacctcac	ttcttttctc	tagatgatgt	gttttgccctg	840
gtggaaggat	tgtgtggcagt	tgtggagaac	ttaaagtccc	cttccaggcc	acatcttgcc	900
gctggtacaa	tttcaggatc	agcagaagat	gctagcgtga	ccaaagtcag	gagatggggc	960
aggggtggat	atgagggagc	ggctggaaca	gcagggaggg	gtcaggggtg	ggactctggg	1020
accttagtcc	tggtcataac	ctgctccctg	ccctggggag	aatgagaact	gtctgccagg	1080
caccaggctg	cagtttccta	gccaggctct	ttccgtgggt	gctgggagcc	agacgcctgg	1140
gtctacagag	tgggtgctgg	tgggggcggc	tgccctcctag	tccacataag	gccccctgca	1200
ctgtacaagc	ctccctaccc	ctttcctccc	ctgtctcctg	cacgaaa		1247

<210> 7829
 <211> 693
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (300)...(447)
 <223> similar to gi3094014 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7829
ggctgcttct gccccaggag ggagaaacac cgactccctg gctttggcgc cagaagcctg      60
gatcggctgc cagggtgactt ctatttctat ctggttctcg tctggggggg ccctggccgg      120
gcagccccc aacacttctc ctgccctgaa acacggctct agccaacctg ctccgctgct      180
tcacctgcca ccgtctctgc gggggctgca cggcgccagc ccctccagcc caccagggca      240
ttgtcctcca gcccgcatg cccagctgtg accccggctc gggccctgcc tgccctccca      300
ccaagacttt ccgcagctat ctgccccgct gtcaccgcac ttacagctgt gtccactgcc      360
gtgcacacct ggccaaacac gatgagctta tttccaagtc cttccaaggg agccatggcc      420
gagcctacct gtttaactcc gtgtgagtct acctctttcc ttgtgcgtgt gcttgtgctt      480
gtgtgtgagt gagtaattct cctctgtgga gaaagggggg aatccatcag gtgatcttgt      540
gccttcagtc tttgcctccc cttttgcaaa gaggggtctca atctgaagtt ctcacatggg      600
gagccggggg agaattgaaa tcataacggt ggaaaaagaa ggcccaggct ctatacttac      660
aggggtggat tatcaaaggc aggggcctgc cac                                     693

```

<210> 7830

<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1342)...(242)

<223> similar to gi4240132 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7830
tttttttttt ttccatggca aaacagccct ttatcaagag ttgcaggata aaaatagtct      60
ttgcagccag acatccctcc aggcattgtct tctgacctga gagggggccag tgtcctgtac      120
agtagaagcc ggggtttccg tgctgcaccc gcagcaccag ggcacgcacc gtggggaggc      180
agccttgggc tgtgcccgcg acagggcccc tgcatgtctga gcaacagcct cacatgagca      240
ggcagcacgg cctcctctcc acgggagcct ccaccgccgg ggctgtgagc ttgagcaggg      300
gtgggtcccc gctgcctcg aagccacagt caggctgggg ggtcaccgtg tcaccaggca      360
ggccaggctc agctgtctca gggctctcgg gccctcagg tgggggtcgc tgcagcttgg      420
cagcagctcg ctggcgcttc aggtcagcca ggggtgtggtg ggccttgtcg tggaccaggg      480
tgtggggggt ggtgctgtcc agggggctca gctggttaga gacactccgg tctagtctct      540
tggagtatag atgccgcact ggggagcccc ctactcggcc attgtgcggc ctgaccactt      600
cggggttgtc ctctccggg ggcggcggcc tgagctctgc gctgtcttg cggtcactct      660
tgtctcggg cggtccggg ctggtgggcg gcggtgttg ccacacgat gcctcctggg      720
cgtgctgctt gcggtacagg tcggtgcgct ggggttaggt caccgcctc accaccttcc      780
cgcggtctgc ggcgctggag gtgcggcggc gcagcaagga gcgctggcgg ctctgggcgc      840
gcaggagggc gtcgtgcttg tgcttcagct ccagcagctt ggcccgacc tctctgtccc      900
cgcacacatc aaggggcgct tcgtccatca gggactttgc gttcaggctg gcccctgctg      960
ccacgagcag ctccaccagg ggcacctggc cccagtaggc cgcggcgtgc agcggctccc      1020
agccgtcttg gtccttagcg ctcaggctgg ctcggtgttc cagcagcagg gcagccgcct      1080
cgctgaaccc gttggcggct gcgacgtgca gcagcgtggc cccgtggtcc aggggggcat      1140
ggaggctctgc cccggcctgc agccggctcc ggatgtcgtc cagcatgcgc agttctggca      1200
cggccccggc ggctcgtat ctgtcctggg tgatgccacg gtcggccatg gcagtctcca      1260
ggcagtcagg cgtctgtctc tcatcacaca ggtcataggg catgttcccg tcggtgttga      1320

```

ccgccaggag	attggcgcca	ctggcgatga	gcagctccac	caggtgcagg	tggccgcagg	1380
tggccgcagc	atgcagaggc	gtccagcact	cactgtcaca	ggcattgatg	ttggccccag	1440
cctccaggag	ctgctgcacc	atctctcgga	aatcatcaat	gcagcactgg	tgcagggccg	1500
tcaggccgctc	ctcgttggcc	aagtcagggc	tgacccact	cccaagggaac	tcc	1553

```

<210> 7831
<211> 1210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (220)...(452)
<223> similar to gi2969915 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 7831						
tgacatcatt	actccatgct	tggcaccagg	aaggaagttt	gaaaatgtaa	tggggacaaa	60
agccgtgcgt	gacttcggta	taccagact	tcattcagat	ttcttaaaaa	tctgctaggg	120
atgtctgttg	accagacgtt	ggaaaacctt	tgggtgcagg	gagagtagag	gagaagttct	180
gattttcata	accctgggtt	cttatctagg	cctgtttcct	tgcgtgaaaa	catacatcac	240
caagtaattt	gtagtacaaa	gaacaagaga	agaaacctta	agaagatagc	ttatttggtta	300
tcctcccttt	taatgactaa	ccttaatcca	aatgaatcca	ctgagaacca	gcctgtggat	360
gcctactggg	ctttcacccct	ggaccaggaa	tttttgacgt	atgcctgtgt	tgaaggcact	420
ggatgcttgt	tttgtggaag	acatgttcat	tgaggtaagt	ggctcatcgc	ttggtgtgtt	480
tggctctctt	tggcattatg	catagccaag	gtcccagatt	ttggccgctc	tcagtgggtg	540
ttcttgcac	agaactttta	aaaaattaac	actaccttaa	cactgagact	gtcagggtatt	600
tgtcagtatt	tattttcta	ttcctacttt	aaatcttagg	agacaaagtg	tttctccaac	660
tggacgctga	tttgaaacac	aactagaatg	ctacaggctc	ctcttccagt	atgcagctgc	720
tgtacctgaa	aatttttccc	cataatttcc	catctttagg	gtatgtccct	gttatcagggt	780
gtggaattaa	tgtgggtaaa	tttccatttc	agttgaattt	cctgtcatcc	ccagcaaaac	840
ctgtgaatcc	ttcttcaaag	catagaggag	gcagagacaa	gtcttaaacc	ggcttccctt	900
cgcttttacc	aggtagcctg	gttcagtccc	agctgggtcc	tgaaggagca	cagtactaga	960
gcctgagtca	tgttgactat	taataaagtg	cattaagttt	gggtcaggca	aagtgggtggc	1020
aaaagtcat	gatgcaggac	agaggaaaca	agtggacaag	acaagtggag	cccagctctg	1080
ttcgcatggg	aggccgggcg	atgctggcat	gggtgtgggt	ggccgagttc	tcatagctag	1140
agaaaggccg	tgtaggtata	agtgctta	gtttcatctg	tctgaaagac	cagctattttg	1200
ataatcttcc						1210

```

<210> 7832
<211> 2701
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```


<222> (142)...(527)

<223> similar to gi3876139 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 7832
tttcgtgtgg caccatgagc agctcaggtg gggcgcccgg ggcgtccgcc agctctgcgc      60
cgcccgcgca ggaagagggc atgacgtggt ggtaccgctg gctgtgtcgc ctgtctgggg      120
tgctgggggc agtcttcac tcccaaggcc gccttcccag cgggctccgc ctgcctccct      180
gctgactcct gcccggtgtc ctgttttcaa gcttgccgca tctctggcct cttcaactgc      240
atcaccatcc accctctgaa catcgcgccc ggcgtgtgga tgatcatgaa tgccttcac      300
ttgttgcgtg gtgaggcgcc cttctgctgc cagttcatcg agtttgcaaa cacagtggcg      360
gagaaggtgg accggtgcg ctctggcag aaggctgtct tctactgcgg gatggcggtc      420
gttcccatcg tcatcagcct gacctgacc acgctgctgg gcaacgccat cgcctttgct      480
acgggggtgc tgtacggact ctctgctctg ggcaaaaagg gcgatgcgat ctcctatgcc      540
aggatccagc agcagaggca gcaggcggat gaggagaagc tcgcggagac cctggagggg      600
gagctgtgaa gggctgggcg cccctccctc cctgtccctc cttctggctc tgtgtgggtc      660
caagtgaggc ctggactgtc cacgctgagg cacagcctgg agaggggcct ttgcacgtgt      720
ccctacacct ggagtccctc gctcctttct ccagactggc ttaagccagg agccactggc      780
tgctggtgtg agggctctgg ctgctggact tgaggcagag cctgcagcag ctgtctggac      840
actaccacgc cctactcctc tgctgggtgg gtctgcagat ctcacaccac agacagggct      900
gcctgtgacc tgctgtgacc tgggagcagc ttcccttgga gatgctggtc ctggcttgag      960
gggaggggca agtgggaccc tgccacctgg gcaactgagc gagggacctc cccagctct      1020
cttagcaggt ggagccccag ggctctggac agcctgcgcg tgccagcaac ctcccactgc      1080
tgcctagggt gcagcgccca ctgtcaccct gccttctgaa gaagccaca gggctcctaa      1140
ggtgcacccc ggtacctgga actgcagcct tggcagtgac tggacagctg ggtgggggat      1200
gctccctgct ggccctggga accttggaac ggccacctca agggccctcg gctgcccctc      1260
ctccctgggc ctgctggggc ccctagggtc tgcccatcac ccccgcccc tgctggcctt      1320
ggtgctaagg aagtggggag agcaggctct ccctggcacc gaggggtgcc acctctccc      1380
tggtgtggcc cgtcaacat cagccacagc ccagcccat tagtgggtta gtgggtctga      1440
cctcagcccc actcaggtgc tctgtctggc ctgcccagc cctgcctca gggagcttct      1500
gccttttaag aactgggcag aggccacagt cacctccca cacagagctg tccccactgc      1560
cctgggtgcc aggtgtccg gagccaggcc taccagggga ggatgcagag agctggtgcc      1620
caggatgtgc acccccatat tccctctgcc ctgtggcctc agcccgtgg cctctctgac      1680
cgtgaggctg gctctcagcc atcgggcagg tgccctggctg ggcctggctt agcccagggtg      1740
gggcttgga gaagcgggcg ggtgtggaag atattccatc tggggccaac cccaggctgg      1800
gcctgcgctg agcttctgga gcgcaggtac tgggtcttgc taagtgaact gtttcccagg      1860
aacacctctc gggcccatct gcgtctgagg ccgggagtggt catctgaggc tgggagtggc      1920
atctgaggcc aggagtggag gctggtgggc tgggcgtggg gttttctggg ccctgcagta      1980
actgcctgg ggacttggtg ggctcctggg tcagcagcat cccacccctg ggagtctggc      2040
cagctgagcc cagggtgga ggggcattat agcctggtgg acatgtgctt tcagggttcc      2100
tccggggcca ccttctcag gccagtgtct ggttcaaagg gctgtgtgtg tgtgtgtgtg      2160
tgtgtgtgta tgtatatgtg tgtgggtgca cacatctgtc ccatgtatgc agtgagacct      2220
gtgtacctcc cacaaggagc aagggttttg accgcccctc gctcattcct acccatgtag      2280
tgggaccccc ggcccccttc tgccctggctt gcctgcttgt gcccttcca gaggggtctc      2340
actgacagcc agagacagca ggagaagggt tggctgtgga tcaaggaagg ctgcccctgt      2400
accctgtggg gaaatggtgg gtgcatggct ggatgcagag gtggaaggcc ctgggccaca      2460
ggcgagagtg ggcgtgtcac ctgtcccagg tcccagcaa gtctgcagct gtgcagtcct      2520
ggggctccctg acctgtgcg ccagggggcg tgctgtccag caggggcccct gccttgcaag      2580
gaacgtctct tccggcggtc gggccgctcc tgccctggtc gggctgtgtg tggcgccctt      2640
tcctccttgt ttgttctctc gtgttctgtg tgcgtcttaa gcaataaagg gtggcctgg      2700
c                                                                2701
```

<210> 7833
 <211> 1881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(675)
 <223> similar to gi2959874 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 7833
tccataaaact atatataatg agaatcctta gctcattcgg ttgtggtgag gggccccaga      60
ccctgctccg  ggtcgcgctc tgggtgttct ccategccgt ctteggggccc atcgtcaacg     120
agggctacgt  gaacaccgac agcggccccg agctgcgctg cgtgttcaac gggaaacgcgg     180
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taactgagct  gaaaaaaaaa a                                     1881

```

<210> 7834
 <211> 1802
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1803)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1510)...(1445)

<223> similar to gi4092850 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7834

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cacttcttct	caaacataaa	ttgcaagtat	cacagaaaat	tgtaacaaca	catgcaaacac	180
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cacagtccag	gctcaacacc	tcttcctatt	ccaaggtggc	ttatccatat	gcagaaatcc	360
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acgcgcccgc	ccagcaagag	actcagggtg	accgccatgt	cgacgcaaac	cagccttcag	1740
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tc						1802

<210> 7835

<211> 1730

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1681)...(587)
 <223> similar to gi5656743 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 gcgcccgcag caggggagag acactacaca ggcttgggac cgccaagcac accagctgcg 180
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 acagggagga atggtggagc tggggacaga catcggcagc tactgccaac tgctgccttc 300
 ttctgccacg agttccttg cgaggagcct tgtccgtgtt actaaagagc cacgtgactt 360
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 cacagggctg ccgtgagtac agatgagact gaaacagggg cattgatcaa agtaccacaac 480
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 gaccttcaga aggccaagt agatgacttc cctagaaatt ctctcagggc atggggaccc 600
 tggaggactc cttggagcct gcagcccctg gtgtgcccaa ggccccagaa tacaccgtgc 660
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<210> 7836
 <211> 5294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1128)...(3149)
 <223> similar to gil504016 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7836

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tgaccatt	ctttaag	gttgccat	ttcaaata	gagaaata	cacaggg	5220
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<210> 7837

<211> 1861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1614)...(1010)

<223> similar to gill103582 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7837

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					gttgacact	
					ggcaggcc	

t	t	t	t	t	180
c	c	c	c	c	240
c	c	c	c	c	300
a	a	a	a	a	360
t	t	t	t	t	420
a	a	a	a	a	480
c	c	c	c	c	540
c	c	c	c	c	600
g	g	g	g	g	660
g	g	g	g	g	720
c	c	c	c	c	780
c	c	c	c	c	840
c	c	c	c	c	900
c	c	c	c	c	960
t	t	t	t	t	1020
c	c	c	c	c	1080
g	g	g	g	g	1140
c	c	c	c	c	1200
a	a	a	a	a	1260
c	c	c	c	c	1320
g	g	g	g	g	1380
t	t	t	t	t	1440
c	c	c	c	c	1500
c	c	c	c	c	1560
c	c	c	c	c	1620
g	g	g	g	g	1680
a	a	a	a	a	1740
t	t	t	t	t	1800
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<210> 7838

<211> 1740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1657)...(1348)

<223> similar to gil770517 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7838

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t	t	t	t	t	120
c	c	c	c	c	180
a	a	a	a	a	240
g	g	g	g	g	300
a	a	a	a	a	360
c	c	c	c	c	420

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accattacca	aatgagaaat	gtgggaattt	cttcaatatt	aagagggaga	aaaaggccaa	600
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ttagcatttt	aatcacctgt	gcctgtaaca	gcaagtgaca	gtctgtcctc	cctaccaacc	900
ttgccccaa	tacctgtcca	acagctgcat	ccccactgcg	ggaaacacca	attctctatg	960
tgactggagt	gagcagggga	gaggcaacca	actcaggagt	cagatccctg	gccagactaa	1020
aagcgaacat	tcaggctata	attttggggt	taaaaaaatg	ttgtaggagg	gggggaaaac	1080
acaaatgagc	acacaaaagt	acccacaata	tcttgcaact	cattttacct	gaacaaagat	1140
aacaattctg	attggcccaa	tttaagttac	agattcatcc	ctgcagatat	agttttgagt	1200
tgactttgaa	gtacatcaaa	gagaggaaaa	tcactgtggt	gaatgtcctc	gagtttccgc	1260
agacaccttt	gtggtcggca	tggtcacgtg	ctcaccattc	aacagcaatg	cgaggatgga	1320
cggcccgggc	tggggacggg	ccctctagaa	actgtgccct	gccaggctgc	tctccggcac	1380
acctcccgtc	tgctgctgga	acacgtcgat	ggtgtcctcg	tcctccatct	ccagctgtgc	1440
tggagtgtca	gtttcattga	ttggctgccc	gtcgaacctg	aatctgatct	gcctcattga	1500
caagccctgc	ctctcgcagt	aggccttcat	cagcttgctc	agcggcgtgt	gcctcttgat	1560
cttgaactgc	accacggagc	cgtcctgccc	ggccaccttc	aggttgatgt	ggtcattctc	1620
tgtcttcaca	ccctccttgg	gcttctcctc	ggacatggct	gcgcgagcgg	cgcggggagg	1680
cggcgcgggg	gaagcagcgc	ggagcgggcg	agtcacgctc	tcggccccgc	cgccctcccg	1740

<210> 7839

<211> 1953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (314)...(560)

<223> similar to gi5050965 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7839

ggcacgagaa	accacggaat	ttactgccgg	aagttcggcg	gccttcgccca	aagagtgtgg	60
gctcggctag	caagctagag	gggtcgtttt	ccgccccgct	accggggcggg	ggcggccatc	120
ttagatgcgt	gcaattaagg	gctttggcgg	gattggtcc	gcgtttgggc	tggtccgctg	180
ctccccacct	accagggtcg	gatccggagc	ccttccccgc	ggggcgggga	cctccaaaca	240
accgactcct	ttccagggtga	agggtgactt	ggctgaagaa	acacttaaat	tctggaaata	300
gcgactcagt	atcatggcca	gcagccttaa	aacagactct	gaaggaagca	gaatcactta	360
tgtgaaagga	gacctttttg	catgcccgaa	gcagactct	ttagccact	gtatcagtga	420
ggattgtcgc	atgggcgctg	ggatagctgt	cctctttaag	aagaaatttg	gaggggtgca	480
agaactttta	aatcaacaaa	agaaatctgg	agaagtggct	gttctgaaga	gagatgggcg	540
atatatatat	tacttgatta	caaagaaaag	ggcttcgcac	aagccaactt	atgaaaactt	600
acagaagagt	ttagaggcaa	tgaagtctca	ttgtctgaag	aatggagtca	ctgacctctc	660
catgccagg	attggatgtg	gtcttgatcg	tctgcaatgg	gaaaatgtat	ctgcgatgat	720
cgaggaggta	tttgaggcaa	cagacatcaa	aattactgtg	tacacactct	gaaccagtga	780
acatttttga	tgtttccgtg	ttctcctgtg	tcactcttac	tgggccatag	gaccgggcaa	840
acctacctta	aaataggcag	aggaaagttt	catgagaagt	agtgtgttta	acaagacaga	900

ctttggttgc	tgtattcaag	tatttggatt	atgactgtgg	aggagggcct	gcttaagata	960
tgtggttgtg	tttttttgtg	gaaaagtaag	gagttagggtg	gcttgataat	aggcagggaa	1020
accagattgt	cgggactatg	acctttttct	ccagtatgct	acctgatttg	tttggctggc	1080
cactagggtg	cagcattggg	tctacttctc	tgctttttta	gagaaatttc	aggaaggatg	1140
atcattccag	ttagtttggc	attttttgtc	gtttgtgcac	ataacttggg	gttatcctta	1200
tgcatcaga	ttcctcctag	gggagagttt	ttgttttaat	tacaaaatta	aattctacat	1260
tgttaccaag	aaatttgtgg	tgataaaaaat	ggaaaaataa	aaatttgggg	agttagttag	1320
gggtctgtgct	tatgtctatt	tggttctggac	atgggtaatg	gagggttcac	ctgcaactta	1380
atttcaaaaca	gtcagacaaa	gggtcccaag	cgggaggaga	agcaaagtga	gaaataagag	1440
ataaaaaatag	acaagtcaaa	aggcagggtt	ttagaatctc	ctcatgggtga	actttttctc	1500
tcttttgtcc	actgcatggg	ttctgtgatt	gaacctgcct	gaatttaatc	atgaaaacaa	1560
gtgaaataat	gtatgttaaa	tgcttggcag	agtacttagc	acagactagt	gacccaataa	1620
gatcagtgat	tgtcaaaaat	ccttatgagt	cttcttttaa	aaaataaagg	ccacttcctc	1680
tcaaaaaaatt	ctcataacctg	tcatctcagc	actttgagag	gctgagactg	gaggatgact	1740
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aaaggaattt	aaaatttacc	tgggcttggg	ggcgcgggcc	tgtggtccca	gctattctaa	1860
aggctgaggc	ggccgtatgc	tttgagcctg	ggaggcggaa	gttgcatagg	cccggggaac	1920
aactttggtt	aattgaaact	cctgactact	ggg			1953

<210> 7840

<211> 1167

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (98)...(836)

<223> similar to gi50229 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7840

tcagacaccg	tgtcctcttg	cctgggagag	gggaagcaga	tctgaggaca	tctctgtgcc	60
aggccagaaa	ccgccacct	gcagttcctt	ctccgggatg	gacgtggggc	ccagctccct	120
gccccacctt	gggctgaagc	tgctgtgtgt	cctgtgtgtg	ctgccccca	ggggccaagc	180
caacacaggc	tgctacggga	tcccagggat	gcccggcctg	cccggggcac	caggggaagg	240
tggttacgac	ggactgccgg	ggcccaaggg	ggagccagga	atcccagcca	ttcccgggat	300
ccgaggacct	aaagggcaga	agggagaacc	ggccttacct	ggccatcctg	ggaaaaatgg	360
ccccatggga	ccccctggga	tgccaggggt	gcccggcccc	atgggcatcc	ctggagagcc	420
aggtgaggag	ggcagatata	agcagaaatt	ccagtcagtg	ttcacgggtc	ctcggcagac	480
ccaccagccc	cctgcaccca	acagcctgat	cagattcaac	gcggctcctc	ccaaccgca	540
gggagattat	gacacgagca	ctggcaagtt	cacctgcaaa	gtccccggcc	tctactactt	600
tgtctaccac	gcgtcgcata	cagccaacct	gtgcgtgtgt	ctgtaccgca	gcggcggtcaa	660
agtggtcacc	ttctgtggcc	acacgtccaa	aaccaatcag	gtcaactcgg	gcgggtgtgct	720
gctgaggttg	caggtgggcg	aggaggtgtg	gctggctgtc	aatgactact	acgacatggg	780
gggcatccag	ggctctgaca	gcgtcttctc	cggcttctct	ctcttccccg	actagggcgg	840
gcagatgcgc	tcgagcccca	cgggccttcc	acctccctca	gcttctctgca	tggacccacc	900
ttactggcca	gtctgcatcc	ttgcctagac	cattctcccc	accagatgga	cttctcctcc	960
agggagccca	ccctgaccca	ccccactgct	acccccctcc	catgggttct	ctccttctct	1020
tgaacttctt	taggagtcac	tgcttgtgtg	gttctctggg	cacttaacca	atgccttctg	1080
gtactgcat	tctttttttt	ttttttcaag	tattggaagg	ggtggggaga	tatataaata	1140

aatcatgaaa tcaatacaaa aaaaaaa

1167

<210> 7841
<211> 1601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1602)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (60)...(1199)
<223> similar to gi306759 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7841
agaaagtgaa aggtgaggca cggccctgca gattttccag cggatcccc ggtggcctca 60
tgtcgcgcag tggaaccgat cctcagcaac gccagcaggc gtcagaggcg gacgccgcag 120
cagcaacctt ccgggcaaac gaccatcagc atatccgcta caaccgcgtg caggatgagt 180
gggtgctggg gtcagctcac cgcagtaagc ggccctggca ggggtcaagtg gagccccagc 240
ttctgaagac agtgcctcgc catgaccctc tcaaccctct gtgtcctggg gccatccgag 300
ccaacggaga ggtgaatccc cagtacgata gcaccttctt gtttgacaac gacttcccag 360
ctctgcagcc tgatgcccc agtccaggac ccagtgatca tccccctttc caagcaaagt 420
ctgctcgagg agtctgtaag gtcagtgtgt tccacctctg gtcggatgta acgctgccac 480
tcatgtcggg ccctgagatc cgggctgttg ttgatgcag ggcctcagtc acagaggagc 540
tgggtgcccc gtacccttgg gtgcagatct ttgaaaacaa aggtgccatg atgggctgtt 600
ctaaccceca cccccactgc caggatgagg ccagcagttt cctgccagat attgcccagc 660
gtgaggagcg atctcagcag gcctataaga gtcagcatgg agagccccctg ctaatggagt 720
acagccgcca ggagctactc aggaaggaac gtctggctct aaccagttag cactgggttag 780
tactggtccc ctctctggga acatggccct accagacact gctgctgccc cgtcggcatg 840
tgcgcgggct acctgagctg acccctgctg agcgtgatga tctagcctcc atcatgaaga 900
agctcttgac caagtatgac aacctctttg agacgtcctt tccctactcc atgggctggc 960
atggggctcc cacaggatca gaggctgggg ccaactggaa ccattggcag ctgcacgctc 1020
attactaccc tccgtcctg cgtcttgcca ctgtccggaa attcatggtt ggctacgaaa 1080
tgcttgctca ggctcagagg gacctcacc ctgagcaggc tgcagagaga ctaagggcac 1140
ttcctgaggt tcattaccac ctggggcaga aggacaggga gacagcaacc atcgcctgac 1200
cacgccgacc acagggcctt gaatcctttt ttgttttcaa cagtcttgct gaattaagca 1260
gaaagggcct tgaatcctgg cctggaattt gggcagatat agcattaata aaactgtgca 1320
tctcaaaaaa aaaaaaaagg gggggccctt ttaaaagaac caatttttac gccggggggg 1380
gggaaagtta tttttttttt tttggggccc caaaatttaa ttccggggcc ggggttttaa 1440
aaaggggggg aggggaaaaa cccggggggg ccccaaatta atccttttgg aaaaaaacc 1500
ctttttcccc gggggggggaa aaaaaaaaga acggggnnnn nnnnnnnntt antnnnantt 1560
tnntnttttt atnnannntt aaaaaaaaaa atgtatttga a 1601

<210> 7842
 <211> 2172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (439)...(1882)
 <223> similar to gi475198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7842

ttcgcagcatc	gaggacctta	gtccagtgcg	gtggaattcg	acatgctcag	caaaataaca	60
acgaaaccag	agggggaact	ctctggcatg	caagttcaaa	cacgactcta	caactacggc	120
agaaaaagag	agagagagaa	actaaaaata	tatatatata	ctatTTTTTT	cacagctatc	180
agtttctttc	actgagcttt	cctaaattta	agcctctaga	aaataataaa	tacttgata	240
tcttacctac	aaacatggac	agatgtgtgt	atgcgctcat	tttagagaac	ttgaattttt	300
ttttttaaag	gaagggtgtc	actttggctt	ttgagtgttt	ggcatgggta	caatgcctta	360
aaaaaacaga	tgagcagctt	agctactaac	catgctgacc	actgttcgga	acgggattga	420
atcacagaaa	aacagcaa	ggctctctct	tacagagtgt	ctgaacttca	aagcacaatt	480
cctgagcaca	ttttgcagag	cacctttggt	cacgttatct	cttctaactg	gtctggatta	540
cagacagaa	caataccaga	ggaaatgaaa	cagattgttg	aggaacaggg	aaataaactg	600
cactgggcag	ctcttctgat	actcatgggtg	ataataccca	caattgggtg	aaataccctt	660
gttattctgg	ctgtttcact	ggagaagaag	ctgcagtatg	ctactaatta	ctttctaattg	720
tccttggcgg	tggctgattt	gctggttgga	ttgtttgtga	tgccaattgc	cctcttgaca	780
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gacgttctct	tttcaaccgc	atccatcatg	catctctgtg	ccatttcagt	ggatcggtac	900
atagccatca	aaaagccaat	ccaggccaat	caatataact	cacgggctac	agcattcatc	960
aagattacag	tgggtgtggt	aatttcaata	ggcattgcca	ttccagtccc	tattaaaggg	1020
atagagactg	atgtggacaa	cccaaacaat	atcacttgtg	tgctgacaaa	ggaacgtttt	1080
ggcgatttca	tgctcttttg	ctcactgggt	gccttcttca	cacctcttgc	aattatgatt	1140
gtcacctact	ttctcactat	ccatgcttta	cagaagaagg	cttacttagt	caaaaacaag	1200
ccacctcaac	gcctaacatg	gttgactgtg	tctacagttt	tccaaagggg	tgaaacacct	1260
tgctcgctac	cggaaaaggt	ggcaatgctg	gatggttctc	gaaaggacaa	ggctctgccc	1320
aactcaggtg	atgaaacact	tatgcgaaga	acatccacaa	ttgggaaaaa	gtcagtgcag	1380
accatttcca	acgaacagag	agcctcaaag	gtcctaggga	ttgtgttttt	cctctttttg	1440
cttatgtggt	gtcccttctt	tattacaaat	ataactttag	ttttatgtga	ttcctgtaac	1500
caaactactc	tccaaatgct	cctggagata	tttgtgtgga	taggctatgt	ttcctcagga	1560
gtgaatcctt	tgggtctacac	cctcttcaat	aagacatttc	gggatgcatt	tggccgatat	1620
atcacctgca	attaccgggc	cacaaagtca	gtaaaaacte	tcagaaaacg	ctccagtaag	1680
atctacttcc	ggaatccaat	ggcagagaac	tctaagtttt	tcaagaaaca	tggaattcga	1740
aatgggatta	accctgccat	gtaccagagt	ccaatgaggc	tccgaagttc	aaccattcag	1800
tcttcatcaa	tcattctact	agatacgctt	ctcctcactg	aaaatgaagg	tgacaaaact	1860
gaagagcaag	ttagtattgt	atagcagaac	tggcagttgt	catcaaacat	aatgatgagt	1920
aagatgatga	atgagatgta	aatgtgccaa	gaatatatta	tataaagaat	tttatgtcat	1980
atatcaaata	atctctttta	cctaagatgt	aagtattaag	aatatctaata	tttcctaatt	2040
tggacaagat	tattccatga	ggaaaataat	tttatatagc	tacaaatgaa	aacaatccag	2100
cactctgggt	aaattttaag	gtattcgaat	gaaataaagt	caaatcaata	aatttcaggc	2160
tttaaaaaaga	aa					2172

<210> 7843
 <211> 1023
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1024)
 <223> n = a,t,c or g.

<220>
 <221> misc_feature
 <222> (804)...(519)
 <223> similar to gi3241940 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7843

ccctctcccc	ctttttaaaa	ccccggcccc	gcaatttaat	ttggggggccc	cataaaaaaa	60
ataatcactt	gcccaccccc	gggccttaaa	attggttctt	ttaaaagggc	gccccttttt	120
tttttttttg	agctttggac	aaattttattg	aaacatacag	gcggctgtta	gcagagaaat	180
cattccatga	ttgatgtgtt	acatttggcc	actaccttga	atgtataatt	taaaaattat	240
atttttcaca	actaagcctt	tggccaaaaa	agtcatttag	cacatcttta	aagatcaata	300
agaaatggat	tttggacatt	aaaaagatca	agtcactgaa	ttaaacagta	gcaaccccca	360
ttaatctaga	atcccatagt	gctgaaggta	gaggtgtctg	tgcaaagcta	gtcatttggt	420
aacagcaatc	agaagagatg	ggggcaggca	cacctgtcag	aggtggcagc	agagctggca	480
ggacaggacg	gctgggctgg	tctggtcagg	tgagcatgtc	ccagagacag	cagcaacaga	540
gagccgtcca	gcaggctgtg	aggcagggtg	atggtcctag	ctcatctctt	ctttggtctt	600
ctaccacata	cactgtgggt	ttaggaggct	cctgagggtc	accctgccag	ccgtactgtg	660
ggtatccttg	gtaggggtac	ccttgaggag	gtgggtaggg	tccccccata	ggtcctggac	720
ccattggttg	tggtggataa	ggtgggtatg	gggccggttg	accagggcct	ggatatgggtg	780
gagggttctc	ttgggttcac	ggggacctgt	aaagtgcacc	tctcctctcc	acgaaccgac	840
tggataacgg	tcgggtctga	acctgaggag	cccggaccag	ccgcagtag	acttgccgca	900
cctgtctcag	agcaagttag	gagcagccgg	gcgccctgacg	tcacggccgc	tcccagcgcc	960
gcgaaccggg	agtcacctga	tcaccctggc	aacgcgcgga	attccnccac	actggagtag	1020
ggc						1023

<210> 7844
 <211> 3111
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3023)...(2822)
 <223> similar to gi3878720 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7844

cccttttagcc	aaaatcatatc	atacagttat	tgaaagctga	actatgattt	gaacccaggt	60
ctaataccaac	tttaagtctg	cctatgctct	tttgttgctt	catggtcagg	caggtcacct	120
tccctgggaag	actggcatgt	gggtaatttc	ctccgagcct	aataaataaa	taaggctctt	180
taagggtttaa	aaagtgttca	attcggggct	agaggcccac	tctggtcctc	aggcacttgc	240
agttccctcc	ccgcaaccct	aaaaaaaccc	tccctcctgc	cccaaaagga	ttagagttgt	300
tccccggcct	tcatgagccc	taatacctat	aaaaccaagc	agctactccc	tgtcaagggc	360
attaatgtag	taaatgggga	actgtgtgtt	tgcataactt	tagtaaaggc	tgccataaaa	420
ctgttctata	caacaaaatt	ttgcaagata	tgtgtccatt	taatgtatct	ttcacattga	480
aaacaaaagc	caatatattt	tataattaca	gcctataatc	taagttttta	aaatatataa	540
ccatagatgt	tatatattcc	cttcagaact	gtagtagtgt	tcttaataag	gtcactgtt	600
agtcaaactc	tcatctccaa	ataatacaaa	tttgaatgtt	caacagtcac	tcaaataaac	660
atcatataac	tcaaaattaa	gacattcata	ctatagaaac	cagtctttta	ttactaaagt	720
taacatatat	tattgcaaac	taacatagct	caatctatat	ttgctacact	cctaaagtgg	780
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aatagggttt	tgaaaatatc	tcttaaaaaa	ttaattttta	ttaacaaaaa	taaccattca	900
ggttgctgaa	cattaaaatg	gccaatctat	tgaaaatggc	ttcaataatt	gcttttaaaa	960
atgaatacaa	aactaaacag	tgattaagggt	gctagcctca	tgaataggac	aattaaaatc	1020
taaaaaacatt	agtgttgatt	ttctataata	aacttaagcc	aaaaacaatg	acctcaatat	1080
ttacttaaga	cttcttgttt	tcatactttt	ctcctcatta	atataaaaaa	aaagagctca	1140
aggcctcacc	ttggtttatt	cactgctggt	tttctatgtg	ctgaaactag	actgtcaact	1200
ctgtaagagc	ttggaccaag	tctgtcttgt	tcaccactat	gtcctacagc	actctgcaca	1260
gtgcctggga	aataggaggt	gatcaacgaa	tatctcaata	actgaatcaa	tgcaagagga	1320
gagtaaaaata	actttatttt	tatttttgca	aatcatcctc	tgctcaaact	actataaact	1380
ggcagctgta	atttctagaa	atatgggttg	aaaaaactcc	cagagatgga	aggacctgat	1440
gaaacactga	aacacacaaa	tacacacaca	cacacacaca	cacacacaca	cacacacaca	1500
cacacacgac	tgcatgagtc	aaaattactt	aatgaagtat	gagatgtcaa	cattatgtaa	1560
ataaaaattta	atattgaaaa	agtgatctgg	agaacctgtg	aatttttacc	ctacacattt	1620
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tgccataaaa	gtagtacata	caaacaatga	aaacaaatca	catccttagg	ttccatgatt	2040
accgagatga	tttccctgc	cctaagtgc	ttatttatatt	tcttaaaaaa	tataggagca	2100
gcagcttatc	acaagtctcc	acaagtgc	taatgatgga	atcaaaacaa	cacaacagat	2160
tcataaggat	gagagaactg	cagaacaacc	agaagtcagt	tttatgtctc	ttcttgttct	2220
ggataattca	gaattttgct	gtgtgcctgt	cgtaaatatt	gctgctgttt	gaagtaaact	2280
ttaaatgctc	cttttatggc	aacaaaacgca	attccacca	agattgtcct	ttgtaaatta	2340
gagttaacac	tactgaacat	caattttacca	actattgtag	caatagtagg	aaagacaagg	2400
gctccacaca	agattcgagt	agcagagaca	tgatctgcta	aaggattggc	ctcagctgga	2460
attcgaggaa	caggacaacc	tatccctgga	aataactat	ttaaaatttg	tagtttatct	2520
gagtatttgc	gccacagtct	aagcacatag	tctctccagc	gaatcatctt	gcctaataatc	2580
agcatgacag	gaatagtagg	aagtccaatt	aaaaggaata	aaggatcagc	tctctccata	2640
acatccagac	cttctttatg	acctacaacc	tgcctcactg	tactgtctcc	ataagtcaca	2700
gctgtccaat	agatagagcc	gaccattatt	cctgctggag	caaatggaca	ggcttttgag	2760
atcagtctat	ctgcaagatc	caagacgtaa	accactggac	ccaatttttg	aaaaactatt	2820
aggatttcag	cattgcactg	aggacatgcc	actctggctg	tactgtttcc	tctttgcttt	2880
tcacccaccc	agcgttgtag	acaggcctgg	tgaaccatt	ttgtagatcc	tctgcacctg	2940
catgggtctca	cccattcagc	tgttctatca	tcttcacag	tagcaaaaca	aaccagcaa	3000
cttctgtcca	gcatctgctg	tagggcttgg	tccggcatct	tccggggagc	cggcgcacac	3060
ggccttcccc	agtggaccgc	ctcaaggcca	ggcccaggga	caatagcact	g	3111

<210> 7845
 <211> 695
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (384)...(455)
 <223> similar to gi2228777 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7845

tcttcagaag	gaagacaggg	cttctgggta	tacatctgga	actcttttcc	cacaacacca	60
acattaagaa	atgtgacatg	gggctgtggt	tacatttgca	taggaactcg	cattataagt	120
tttatttggg	gagttattgg	cttttttttt	tttaataacc	cacatcagta	tatagaactt	180
tgcaataggc	atttttgttt	taacttcatt	tgtggcgag	ttttattttc	ctacccttgt	240
ctttctatct	tctctttcat	cggctttaga	cttaaactgt	gttttatgta	ttgctgtaag	300
cctctttaaa	ccctttataa	aacaaagcag	ggaatacata	aacaaatagt	tttttgtctt	360
tcgttttttt	tctttgtaac	acaaatcgac	ttaaagcctc	cagagaagta	gaatctgtag	420
accttcacac	ctgccacctg	attaaaggaa	ttggtatgta	tatgaaaatg	cttgttgggc	480
acattgcatt	ttttggccat	taacattaaa	acactcatta	atggcatttt	agcatgaaat	540
tactgctttt	cagtggataa	atcacattag	atcaacaaaa	acctctttgg	tcaacctctt	600
gatctgatga	accctgtatt	tattcttctt	tcctaccctc	actgtaaatt	attctttttt	660
gtgtggaatt	ctatgtttag	catttgattt	cttgc			695

<210> 7846
 <211> 2887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (95)...(2196)
 <223> similar to gi2326549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7846

gcgtcgacga	tttcggggca	gctagtccca	gtactccgag	tcgggtcgcg	gccgacaggc	60
atccccctgag	cgctgtctgg	gctcttatca	cgcgatggca	tccactgtgg	aaggaggcga	120
cacagctctg	ctcccagaat	tccccagggg	gcccctcgat	gcctaccgag	caagagcgtc	180
cttcagctgg	aaggagctgg	cgctgttcac	ggaaggggag	ggcatgctcc	gctttaagaa	240
aaccatcttc	tcagctcttg	agaatgaccc	tcttttcgct	cgttccccctg	gagccgatct	300
gtccttgagg	aagtatcgcg	agctgaactt	ccttcgatgc	aagcggatct	tcaggtatga	360
cttcctcagt	gtcgaagaca	tgttcaagag	ccctctgaag	gtccccgcct	tgattcagtg	420
cctgggcatg	tatgactctt	ctctggctgc	caagtacctc	ctccatagct	tggtttttgg	480

atcagcagtt	tacagtttctg	gttctgaaaag	acatctcaca	tatattcaaa	agatcttcag	540
gatggagatt	tttggatggt	ttgctctgac	cgaattaaagc	cacggcagta	ataccaaggc	600
cattcgcaca	actgcccact	acgatcctgc	cactgaggaa	ttcatcatac	attccccctga	660
tttcgaagct	gccaagtttt	gggttggcaa	catgggcaag	acagccactc	acgcggtggt	720
gtttgctaag	ctgtgtgtgc	caggggacca	gtgccatggg	ctgcatccct	ttatcgtgca	780
gatccgggac	ccgaagaccc	ttcttcccat	gcctggagtg	atggttggcg	acataggaaa	840
aaaactcggg	cagaacggtc	tggataatgg	tttcgccatg	ttccacaagg	tcagagttcc	900
tcgccagagc	cttctgaacc	ggatgggaga	cgtcaccccc	gagggcacct	atgtcagccc	960
ctttaaggac	gtcaggcagc	gctttggagc	gtccctgggg	agcctgtcct	cgggcccgggt	1020
ctccatcgtg	agcctggcca	tccttaacct	aaagctggcc	gtggccatcg	ctcttcgctt	1080
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tccaatgcag	caatggcgct	tgcttccata	tctggcagct	gtctacgcct	tagaccattt	1200
ctccaagtgc	ctcttcctgg	acctggtgga	gctccagcga	ggacttgcag	cgggagaccg	1260
cagcgccaga	caggcagagc	ttggacgtga	gatccacgcc	ctggcatcgg	ccagcaagcc	1320
cctggcctcg	tggaccaccc	agcaaggaat	tcaggaatgc	cgggaggcgt	gtggaggaca	1380
cggctatctg	gccatgaacc	ggttgggtgt	ccttagagat	gacaacgatc	ccaactgcac	1440
atacgaaggt	gacaacaaca	tcctgctgca	gcagacaagc	aactatttgc	tgggtctcct	1500
ggcacaccag	gtccacgatg	gagcttgctt	ccgcagtcgg	ctgaagtcag	tggactttct	1560
ggacgcctat	cccgccatcc	ttgaccagaa	gtttgaggtc	tccagtgttg	ccgactgctt	1620
ggactctgca	gtcgccctgg	cagcatacaa	gtggctgggt	tgctacctgc	tccgagagac	1680
ttatcaaaaa	ttaaaccaag	agaaaagatc	aggaagcagt	gactttgaag	caaggaacaa	1740
atgccagggtg	tcccacggcc	gtccgttggc	gctggccctt	gtggagctca	cgggtggtcca	1800
gaggttccac	gagcacgtgc	accagccttc	cgtgccggcc	tcgctgcggg	ccgtgctggg	1860
gcggctcagt	gctctgtacg	ccctgtggtc	cctgagccgc	cacgcggccc	tgctctaccg	1920
aggaggatag	ttctccgggtg	agcaggcggtg	agaagtgttg	gagagcgccg	tccctggcttt	1980
gtgttcccag	ctgaaagacg	atgcagttgc	cctggtagac	gtgatcgctc	ctcctgactt	2040
tgttctggac	tcaccgattg	gcagagccga	cggcgagctc	tacaaaaacc	tctggggcgc	2100
tgtcctgcag	gaaagcaagg	tgttggagcg	ggcatcctgg	tggccagagt	tttctgtgaa	2160
caaacctgtc	ataggaagtc	tgaaatcgaa	gctctagtgg	gactggcaca	cattcagcca	2220
agtctaata	aacgaaggga	actaatcaga	cgtggacctc	aacttctgat	tccagaacac	2280
accggagatt	gctgctgctt	tctgagcccg	cacctgtgcg	cctaaactgc	tgattggcct	2340
caactgcccc	ggcggacggg	agggaggcac	ccggccgggt	ggactaatct	gggatcgcg	2400
tgatttgcag	cgtggaaaag	aaatgcagat	gatcatgtct	accctgatgc	gctgtgggtt	2460
ttttgataat	tagaatttcg	cacattcagt	tttcagggtt	cagctccttt	ctctaaagta	2520
aacagcccat	tgtcagggat	cttctgggtc	gacaacctgt	gattcatcta	gattttttac	2580
cgagctccac	ttcattgaga	agtcaatgat	gccagtctgg	ttctttgtca	actctccctc	2640
gggtttgttc	acataattga	attatgtcat	aaccttatta	atttgcacat	agatcatctg	2700
aatgtcggtg	gtttaagact	taaggaggaa	catctgtttg	attactttct	tttgtggaac	2760
tggaaatttc	catcgaggaa	atgttttttt	aaaaagtcta	atgatttgaa	tgggcaattc	2820
agtctccaac	cgcctccctc	cccctgccgc	cagttatata	aaaatcactt	tatttggtaaa	2880
aaaaaaa						2887

<210> 7847

<211> 2063

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (136)...(1623)

<223> similar to gi3860719 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7847
gcgcgatcga gaccctattg agtgccgtgg aattcggtcg cgcccatgta acatcactag      60
cgaccggtga cctctttttc ccccttgcct ggctcctgtg gtggcaggct gggcacgagg      120
accatgctgg gccggagcct ccgagaagtt tctgcggcac tgaaacaagg ccaaattaca      180
ccaacagagc tctgtcaaaa atgtctctct cttatcaaga agaccaagtt tctaaatgcc      240
tacattactg tgtcagaaga ggtggcctta aaacaagctg aagaatcaga aaagagatat      300
aagaatggac agtcacttgg ggatttagat ggaattccta ttgcagtaaa agacaatttc      360
agcacttctg gcattgagac aacatgtgca tcaaataatgc tgaaaggtta tataccacct      420
tataatgcta cagtagttca gaagttgttg gatcaggagg ctctactaat gggaaaaaca      480
aatttagatg agtttgctat gggatctggg agcacagatg gtgtatttgg accagttaaa      540
aaccctgga gttattcaaa acaatataga gaaaagagga agcagaatcc ccacagcgag      600
aatgaagatt cagactggct gataactgga ggaagctcag gtgggagtgc agctgctgta      660
tcagcgttca catgctacgc ggcttttaga tcagatacag gaggatcgac cagaaatcct      720
gctgcccact gtgggcttgt tggtttcaaa ccaagctatg gcttagtttc ccgtcatggt      780
ctcattcccc tgggtgaattc gatggatgtg ccaggaatct taaccagatg tgtggatgat      840
gcagcaattg tgttgggtgc actggccgga cctgaccca gggactctac cacagtacat      900
gaacctatta ataaaccatt catgcttccc agtttggcag atgtgagcaa actatgtata      960
ggaattccaa aggaatatct tgtaccgga ttatcaagtg aagtacagtc tctttggtcc     1020
aaagctgctg acctcttga gtctgagggg gccaaagtaa ttgaagtatc ccttctcac      1080
accagttatt caattgtctg ctaccatgta ttgtgcacat cagaagtggc atcgaatatg      1140
gcaagatttg atgggctaca atatggtcac agatgtgaca ttgatgtgtc cactgaagcc      1200
atgtatgctg caaccagacg agaagggttt aatgatgtgg tgagaggaag aattctctca      1260
ggaaactttt tcttattaaa agaaaactat gaaaattatt ttgtcaaagc acagaaagtg      1320
agacgcctca ttgctaataga ctttgtaaat gcttttaact ctggagtaga tgtcttgcta      1380
actcccacca ccttgagtga ggcagtacca tacttgaggt tcatcaaaga ggacaacaga      1440
acccgaagtg cccaggatga tatttttaca caagctgtaa atatggcagg attgccagca      1500
gtgagtatcc ctgttgcaact ctcaaaccac gggttgccaa taggactgca gtttattgga      1560
cgtgcgtttt gtgaccagca gcttcttaca gtagccaaat ggtttgaaaa acaagtacag      1620
tttctgttta ttcaacttca agaactcatg gatgattgtt cagcagtcct tgaaaatgaa      1680
aagttagcct ctgtctctct aaaacagtaa acatatctta caaattaaaa tgacttttag      1740
gctgggtgca gtggctcaca cctgtaatcc cagcactttg ggaggccaag gcgagcggat      1800
catgaggtca gaagatctag aacagcctgg tcaacatggt gaaaccccg tctactaaa      1860
aatacaaaaa ttagccaggc ttagtgccgg gcactctgag tcccagctac tcaggaggct      1920
gaggcaggag aatcacttga accctggagg tggaggttgc agtgagccga gatcatgcca      1980
ctgcactgca ctccagcctg ggtgacaaag caagactgtg tctcaaaata aataaataaa      2040
ataaaataaa aaaaaaaaaa agg                                     2063

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```

<210> 7848
<211> 1019
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (23)...(886)
<223> similar to gi5853317 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

<400> 7848
gcacgagccc cgggtgcgcg gtatggcggc cagcctgtgg atgggcgacc tggaacccta      60
catggatgag aacttcattt ccagagcctt tgccaccatg ggggagaccg taatgagcgt      120
caaaattatc cgaaaccgcc tctactgggat cccagctggc tactgctttg tagaatttgc      180
agatttggcc acagctgaga agtgtttgca taaaattaat gggaaacccc ttccaggagc      240
cacacctgcg aaacgtttta aactgaacta tgccacttac gggaaacaac cagataacag      300
ccctgagtat tccctctttg tgggggacct gaccccgac gtggatgatg gcatgctgta      360
tgaattcttc gtcaaagtct acccctcctg tcggggaggc aagggtggtt tggaccagac      420
aggcgtgtct aagggttatg gttttgtgaa attcacagat gaactggaac agaagcgagc      480
cctgacggag tgccaggagg cagtgggact ggggtctaag cctgtgcggc tgagcgtggc      540
aatccctaaa gcgagccgtg taaagccagt ggaatatagt cagatgtaca gttatagcta      600
caaccagtat tatcagcagt accagaacta ctatgctcag tggggctatg accagaacac      660
aggcagctac agctacagtt acccccagta tggctatacc cagagcacca tgcagacata      720
tgaagaagtt ggagatgatg cattggaaga ccccatgcc aagctggatg tgactgaggc      780
caacaaggag ttcatggaac agagtgagga gctgtatgac gctctgatgg actgtcactg      840
gcagcccctg gacacagtgt cttcagagat ccctgccatg atgtagccag gccaaaggac      900
aagccagggt gcatgatgtg agggagatga gagactcctt tttaaaaatt gtgaaacctt      960
tttggaataa tgatttgtaa gatttttaata atgactgttt ttggagatca aaaaaaaaaa     1019

```

<210> 7849

<211> 1694

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (127)...(1536)

<223> similar to gi5596714 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7849
gcggtggaat tcgtgggagt tgccttgacc tgcagctccg ccaccgcgga cccgccttct      60
gccctcagca gcagacgctc tgtcccgccc gggcagctct gcgaggcagc ggctggagag      120
ggaaccatgg ggactgtgca cgcccgaggt ttggagcctc ttccatcaag tggacctgat      180
tttgaggagt taggagaaga agctgaattt gttgaagttg agcctgaagc taaacaggaa      240
attcttgaaa acaaagatgt ggttgttcaa catgttcatt ttgatggact tggaaggact      300
aaagatgata tcatcatttg tgaaattgga gatgttttca aggccaaaaa cctaattgag      360
gtaatgcgga aatctcatga agcccgtgaa aaattgctcc gtcttggaat ttttagacaa      420
gtggatgttt tgattgacac atgtcaaggt gatgacgcac ttccaaatgg gttagacggt      480
acctttgaag taactgaatt gaggagatta acgggcagtt ataacaccat ggttgggaac      540
aatgaaggca gtatggtact tggcctcaag cttcctaate ttcttggtcg tgcagaaaag      600
gtgacctttc agttttccta tggaaacaaa gaaacttcgt atggcctgtc cttcttcaaa      660
ccacggcccc gaaacttcga aagaaatttc tctgtaaact tatataaagt tactggacag      720
ttcccttgga gctcactgcg ggagacagac agaggaatgt cagctgagta cagttttccc      780
atatggaaga ccagccacac tgtcaagtgg gaaggcgtat ggcgagaact gggctgcctc      840
tcaaggacgg cgtcatttgc tgttcgaaaa gaaagcggac attcactgaa atcatctctt      900
tcgcatgcc a tggatcatga ttctcggaat tcttccatct taccaaggag aggtgctttg      960
ctgaaagtta accaggaact ggcaggctac actggcgggg atgtgagctt catcaaagaa     1020
gattttgaac ttcagttgaa caagcaactc atatttgatt cagttttttc agcgtctttc     1080

```

tggggcgga	tgttggtacc	cattggtgat	aagccgtcaa	gcattgctga	taggttttac	1140
ctcgggggac	ccacaagcgt	ccgcggattc	agcatgcaca	gcacggggcc	acagagcgaa	1200
ggagactacc	taggtggaga	agcgtactgg	gccggcgcc	tgcacctcta	cacccatta	1260
cctttccggc	caggccagg	tggctttgga	gaactttcc	gaacacactt	ctttctcaac	1320
gcaggaaacc	tctgcaacct	caactatggg	gagggcccca	aagctcatat	tctgaagctg	1380
gctgagtga	tccgctggtc	gtacggggcc	gggattgtcc	tcaggcttgg	caacatcgct	1440
cggttggaac	ttaattactg	cgtcccatg	ggagtacaga	caggcgacag	gatattgtgat	1500
ggcgtccagt	ttggagctgg	gataagggtc	ctgtagccga	caccctaca	ggagaagctc	1560
tgggactggg	gcagcagcaa	ggcgcccatg	ccacacaccg	tctctcgagg	aaacgcggtt	1620
cagcgattct	ttgactgcgg	accctgtggg	aaaccccgtc	aataaatgtt	aaagacacac	1680
tccgaaaaaa	aaaa					1694

<210> 7850

<211> 639

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(236)

<223> similar to gi3367693 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7850

ctgagactcc	agcaggatgt	cttatcaaca	gcagcagtgc	aagcagccct	gccagccacc	60
tcctgtgtgc	cccacgccaa	agtgccaga	gccatgtcca	ccccgaagt	gccctgagcc	120
ctgcccacca	ccaaagtgtc	cacagccctg	cccacctcag	cagtgccagc	agaaatatcc	180
tcctgtgaca	ccttccccac	cctgccagtc	aaagtatcca	ccgaagagca	agtaacagct	240
tcagaattca	tcaggaccaa	gaaaggataa	ggatatttgg	ctcacctcgt	tccacagctc	300
caccttcac	ttctcatcaa	agcctaccat	ggatacacag	ggagcttctt	tctccttagc	360
cagtaatctg	cccatgatga	tccctgacag	caaaaagtgt	ctttcttgag	gctgccatac	420
tgccactgtc	caggtggaga	ctgagcaaa	gaagtccctg	gctgtgccag	ctccagagc	480
ttcggaagaa	agagcagcag	ctctctccct	gggaaccatc	agagaattct	gttgatgtgt	540
tctgtgtctg	tctgtcacct	ggtcacgagc	ttctaccacc	tttgcaattg	tcacttatct	600
ttcactccct	gaataaagta	tctatgcata	aaaaaaaa			639

<210> 7851

<211> 3147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2883)...(738)

<223> similar to gi29664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7851

tttttttttt	ttcacagaca	gatgtggggc	cttttattat	ttgggggttc	tctatatgga	60
acacgggacc	tccccacccc	aagcctagt	cctctggcac	ccccataacc	agtacacaag	120
tccctgaaga	gtccccttta	aaatcactaa	tataaaaaaa	ggagcgaagg	aggggaaggcc	180
gcaacgccca	caggctgggc	agctcctggt	cggcagcagg	gccaggggaag	gacagagggg	240
gcgttggtt	cggcgcagga	aggcacaggc	gttcccagcc	ccggggcctc	cccagagccg	300
gaggcggtc	cacacgcctg	gactgcagac	tgtgtcgagc	tagtggttat	agtttatagt	360
ctgcaggcaa	ggccaggccg	gtggtgctga	gtgggtggcc	tctgaagtgg	ggagagggga	420
cacatcagga	tgctggggaa	acccggggct	gtcccagggc	aggaacaagc	gaaagctgcc	480
ttcctggctt	ggcaatgggt	ggggcccagg	gagtcacatc	cgagcccatg	gctggcacag	540
gcaggggcca	cacagttctg	cccggagcag	atgaacgatg	gtggctggga	ggagagggga	600
caggaggacg	aggctgcctc	tctgctccaa	ggaaggcact	tgacgtggg	gtggcctggt	660
gtggtgtggt	aggaggcgag	gcttggcaga	cgaggaggga	ggggagcacg	gcaaggggga	720
ccgagtccct	gcctcatgca	aacatggtca	gctgcaacca	cttaaacaa	tcaaaggtca	780
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ccaggcagca	aacgaaattg	tcaaagtcga	ccgcccaggtc	gggctccgag	tagcgggtga	900
tgatgagctc	gtacagcttc	ttgttgagct	tgaagcctgc	cgactcaatg	gccatccgca	960
tctcgtaggc	actcatgctg	cccgaactgt	ccaggtcaaa	cttccggaag	atggacaggt	1020
aattccgat	gcggttccac	aggatgttga	actccaccag	gcccagcttc	ccattgccat	1080
cacgatccat	gaggttcacc	atgctgcggc	acgactctag	gctgaagccc	ttggtccgca	1140
ggtcctttgt	tttgcgtgat	atcctattga	ggattgtccg	caactccttc	acgtgatct	1200
ccatgtcctc	ccctgccagc	tgctgaaga	gggccttgaa	gttctcgtca	atctcctctt	1260
ctgagagcac	ttgctcatcg	gggagattgg	cctggatctg	gtcatccagc	tccacagtcc	1320
cagcactctt	ctctgagaag	aagcgcagca	cgaagtcgcc	ctccttggtg	ggctcgaagg	1380
tggagggcac	caccacatac	tccccgggtg	gcaggcggaa	gcgggtgctg	acctctcgca	1440
ggttgatgaa	ctgctctgag	cgcgcccag	acgcattggc	caggaagaag	tcacgcttca	1500
agtgtacggc	cggctggccc	accagctccg	gagggacctc	gtagaccg	aagccaatag	1560
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ggatcttgaa	ctgaggggtt	acccagaagg	tggctgggta	gtttcggcag	ccccccggg	1740
tgctcccccg	ccgccagggtg	ccttcgtaga	gtgtggtgtt	ccatttgcg	atggtccggc	1800
tcttgagggc	gtcgggtgtg	aggttgacga	tctccaggcg	ggtgaactcc	cgcataaggt	1860
ctcggaatga	catccagaac	tccccgtcct	ccatcttgac	ccggagctgg	tcccgttcat	1920
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cgccccagg	gttccgcatc	cggatcaggc	tcaccacctg	gcctcggtag	ttcacctgct	2040
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tgctagaac	gctggagatg	tctatggagc	agcccagcag	ggagccccgc	tccagcgctt	2160
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catttacctt	ggcataggcc	ttctcaagca	gggcgtcca	gaactcggtg	ccttcggcag	2340
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tcttgaggga	attgggaccc	aggtccttgt	aaccaggct	ctgggggtacc	ggggggaagg	2700
cctcatcacg	gaagagggtc	ccactctgca	ggcatcgcac	ccgcagctgc	tcataatcct	2760
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tgccggacag	atgggcctgc	tcagaaccca	ggccttccca	agactagaac	ctgggctcct	2940
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ctcactgtc	ccctcacaga	agtaggggtc	tcagccacct	ccgggtgtc	ccagtgaatc	3060
caggaaagg	atttcccagt	tcccaggcgt	gccggccacc	tctcctttcc	cggtatcccat	3120

tgtcaggggc ttgcagctct gacgaaa

3147

<210> 7852

<211> 2633

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1021)

<223> similar to gi4929621 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7852

gcgaccgcgt	cggagagggga	ggtggcagcg	gcccgggagg	ccgatgccaa	gccagcgacc	60
caccatggag	acccgctaca	acctgaagag	tccggctggt	aaacgtttaa	tgaaagaagc	120
ggcagaattg	aaagatccaa	cagatcatta	ccatgcgcag	ccttttagagg	ataacctttt	180
tgaatggcac	ttcacggtta	gagggccccc	agactccgat	tttgatggag	gagtttatca	240
cgggcgata	gtactgccac	cagagtatcc	catgaaacca	ccaagcatta	ttctcctaac	300
ggctaattgt	cgatttgaag	tgggcaagaa	aatctgtttg	agcatctcag	gccatcatcc	360
tgaaacttgg	cagccttcgt	ggagtataag	gacagcatta	ttagccatca	ttgggtttat	420
gccaacaaaa	ggagagggag	ccatagggttc	tctagattac	actcctgagg	aaagaagagc	480
acttgccaaa	aaatcacaa	atttctgttg	tgaaggatgt	ggctctgcca	tgaaggatgt	540
cctgttgcc	ttaaaatctg	gaagcgattc	aagccaagct	gaccaagaag	ccaaagaact	600
ggctaggcaa	ataagcttta	aggcagaagt	caattcatct	ggaaagacta	tctctgagtc	660
agacttaaac	cactcttttt	cactaactga	tttacaagat	gatataccta	caacattcca	720
gggtgctacg	gccagtacat	cgtacggagt	ccagaattcc	tcagcagcat	cctttcatca	780
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gcagagtcag	agaaggttgt	ctacttcacc	agatgtaatc	cagggccacc	agccaagaga	900
caaccacact	gatcatgggt	ggtcagctgt	actgattgtc	atcctgactt	tggcattggc	960
agctcttata	ttccgacgaa	tatatctggc	aaacgaatac	atatttgact	ttgagttata	1020
atatggtttt	gtgacttatg	agctgtgact	caactgcttc	attaaacatt	ctgcattggg	1080
tataatctaa	gaattgttta	caaaaagatt	attttgtatt	tacccttcat	tccttttttt	1140
gatccttgta	agtttagtat	aaatataatc	agacattcag	actgtgtcta	gcagttacgt	1200
cctgcttaaa	gggactagaa	gtcaaagttc	cttgtctcac	tatttgatct	gctttgcagg	1260
gaaataactt	gttttttctc	atgtttcatc	ttctttttat	gtaaatttgt	aatactttcc	1320
tatattgccc	tttgaaattt	ttggataaaa	gatgatgttt	taagttccaa	tgagtattac	1380
tagttactca	ataccactta	ttgagtactc	tgtttctacg	tatgtagaat	gtatagggat	1440
agaagagttg	aaaagggaaa	gcaaaactcc	tcaagtagct	tccttaaaat	gtcattcata	1500
ggagatgtac	tggattgtct	cattctgtga	ctttatttgt	gtcctaaaca	ttcttcagtg	1560
aaaataattt	tatttcagtc	aaacatttat	gaggaaatga	gatcacatct	ttgtcactgg	1620
atgctacttg	aagagggagt	actttgtaac	cactttgata	tgctgttatc	accaccccct	1680
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gggatctgaa	gatttgaatg	tttgggtctgc	tttgaaatgt	atgtcttttg	ggatgtatta	1860
tatgcctagc	tttataatca	gtataaaattt	taattattcc	aggaatatgc	ataatattga	1920
aatatttcat	gtcctatttt	aatagaaaac	ctcagggccc	aagtaacagt	gatagaagtt	1980
agaaaaacct	ttacttagaa	ttgtccacct	agtcagagcc	caagaaagaa	ttttcagtg	2040
aaaaatcaat	atataactta	gtgctagcta	gcgccacaga	ctctagtaga	taatattatc	2100
atcataatgg	ctggtgaaac	catataatca	cagaaaaaca	ttgccttcag	catgttcagt	2160

tcgcagcact	gagggcactc	ttgaggggtgt	tgtaaataaa	gatttaattt	ttaaataacag	2220
gtgggttccaa	gctttcaa	aggttatgct	ccaaaagtgt	tatttgtaag	ttaatttttt	2280
tacaagtcaa	acaatgttgg	aagtggatt	taggttctag	atcgggtccac	gaaagtttagc	2340
ccatatgtat	atcttgaata	gtatagggga	gggtattcat	aaagtcctta	tgtgggtttta	2400
actaagtga	attatggaca	agagaaataa	ttgtaaaatc	gtcttaaagg	aaaatttaaat	2460
ttttactcct	gtttatggga	cattcgttct	attaactgtc	agacacaatt	tctgttttca	2520
tctgagagcc	agttttcctt	tatttctaca	tctaaaataa	gaacatattg	tacactatta	2580
tataatacag	aattgtctta	aactttaata	aattcgcatt	ttaaagggtga	aaa	2633

<210> 7853
 <211> 649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (187)...(536)
 <223> similar to gi2138334 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7853	
cgaggcgagg	60
caacccgcta	120
tccatcgag	180
gagcccgaga	240
gttaaagact	300
gaagaaatgc	360
atgggatttg	420
ggagtattca	480
gttttcatga	540
atgaatcttt	600
tgtaaataat	649

<210> 7854
 <211> 2595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (347)...(926)
 <223> similar to gi4884079 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7854

tttcgtccgc	caatggcaga	gtcccatcg	cagagcctgc	gggttaggtt	gtgaggcccg	60
ggccgggggc	ggggaggagc	caagggggcg	agcaagctcg	gtggctgggt	gggttggggc	120
gttccgcgcg	cccttcattg	aagcggcggt	ggccgggctg	ggcgccggta	gtggaaagcg	180
acggcgcggc	tggaaaatgc	cagtccattc	ccgaggggat	aagaaggaga	ccaacatca	240
cgatgagatg	gaggtggact	acgccgaaaa	tgaggggagc	agctccgagg	acgaggacac	300
tgagagctcg	tcggtctccg	aggatggaga	tagctcagaa	atggatgatg	aagactgtga	360
aagaagaaga	atggaatgtt	tgatgaaat	gtccaatctt	gaaaaacagt	ttaccgatct	420
caaagatcaa	ctttataaag	aacgattaag	tcaggtggat	gcaaaactac	aagaagtcac	480
agctggaaaa	gcaccagaat	acttggaacc	gctggcaact	ttacaggaaa	atatgcaaat	540
tcgtacaaaag	gtagcaggaa	tctatagaga	gctctgctta	gaatctgtaa	agaacaaata	600
tgaatgtgaa	attcaagctt	ctcgccagca	ttgtgagagc	gaaaagctgt	tgctatatga	660
tacagtccag	agtgaactag	aggagaagat	aagaaggctt	gaagaggata	ggcacagcat	720
tgatattacc	tcagagctgt	ggaatgatga	gcttcagtc	agaaaaaga	ggaaggatcc	780
tttctggcct	gacaaaaaga	agccagggtg	tgtttcagg	ccatatatag	tttatatgct	840
acaagatctt	gatattcttg	aagactggac	aacaattagg	aaggcaatgg	ctacattggg	900
gccacacaga	gtgaaaacgg	aaccacctgt	gaaactggaa	aaacatctgc	acagtgtctag	960
atctgaagag	ggaagactat	attatgatgg	tgaatgggat	atacgtggac	aaacaatatg	1020
tattgataaaa	aaagatgaat	gtcctacaag	tgctgtaatt	acaacaatta	accatgatga	1080
agtttggttt	aagaggcctg	atggaagcaa	atctaagctt	tacatttcac	agctacagaa	1140
aggaaaaat	tcaattaaac	attcataatc	atgatttaag	tgttatctaa	atttacctta	1200
ttagtgttac	caaagtgaag	tgccatgaga	gtaaaaaat	gtattcaata	acttaatat	1260
ctcactgaat	catgagagaa	tgtgtatttg	taggtagtac	tctaaataga	tctcattgat	1320
atgttattaa	aagaaacagt	aataaaaaat	ttatcacgat	ccttacgttg	atttgcctct	1380
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tttggtttta	aaaaaagtta	tgcaaatttg	tcttatcttt	agtaaaactat	gactacattt	1500
atctgcaatt	tttaaaat	tccatatctt	tgctattcat	tgtgtgtttg	taaataaggc	1560
cgataggaat	gtttcctata	aatggtttgt	actagtacat	tagtggttaa	ccagaactga	1620
aatttaaaaa	tatatatata	tgaggatgta	tatatggcat	catcagctta	tttagaactg	1680
atggccatac	cttacaatct	tgttttaccc	aaaattaaagc	tattgggggt	gaaagctaaa	1740
aggagcactt	ttgtagaata	gcaacttttc	ttttcctctt	tcttgattgt	atgggtgggg	1800
gggtgacctat	ttttacaaat	tataccta	gagtaaaat	agtgtaaagt	gataacatgc	1860
ttctacctgt	atctctagt	accctttagc	ggcagggtatt	tatacctgg	atctatgatg	1920
cagtatataa	gtggtgaaca	ataactgaca	gtattgtgct	tgctgtacat	gtctggtctt	1980
ttgaaacaga	tttttagtaag	cattttccag	aggtaaaact	gtgtccttat	tctaatttta	2040
ttcctagggc	aaagtagaca	gggattat	ccttgaatct	atttccaaat	taatattttt	2100
ttcttttgta	tttctacact	ttaaggccat	ttggtgcaat	ttagaaagt	ttggcctccc	2160
ttccgctagc	cacattcaaa	attaacttcc	aaaacctcag	gaacagtaca	aagaattgaa	2220
accctcaata	tggcagcaca	gccggctgta	gtgtatat	agggtacacc	aatcaggta	2280
ttcctggtgg	tcttggtcac	tttaatttct	gttacaatga	gttaagagga	tgaggaagaa	2340
atctacttat	taacacttac	tgcagaaatg	tctgcattat	tccgtttgtt	ttcttattat	2400
tttacctctc	caaacatctt	cctgtgcaga	tcactacttc	atagttgcca	aattttaaaa	2460
cacttaactg	ctgaaattca	gtgtcagcaa	agtgatatta	cgttgttctg	tttctaatta	2520
accttagcaa	atgtacataa	tgtcaaaacc	caatagtatt	tgacagtact	tatgtatata	2580
atgtttgata	agcat					2595

<210> 7855
 <211> 1106
 <212> DNA
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (221)...(841)
<223> similar to gi309225 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7855
acggaagtgc aggaacatTTT cacaatcta caatctgtga gtatcacatc ctgtatagct      60
gtaaacactg gaataaggaa gggctgatga ctttcagaag atgaaggtaa gtagaaaccg     120
ttgatgggac tgagaaacca gagttaaaac ctctttggag cttctgagga ctcagctgga     180
accaacgggc acagttggca acaccatcat gacatcacaa cctgttccca atgagaccat     240
catagtgtc ccatcaaatt tcatcaactt ctcccaagca gagaaaccgg aaccaccaa      300
ccaggggcag gatagcctga agaaacatct acacgcagaa atcaaagtta ttgggactat     360
ccagatcttg tgtggcatga tggatttgag cttggggatc attttggcat ctgcttcctt     420
ctctccaaat tttacccaag tgacttctac actggtgaac tctgcttacc cattcatagg     480
accctttttt tttatcatct ctggctctct atcaatcgcc acagagaaaa ggtaaccaa      540
gcttttggtg catagcagcc tggttggaag cattctgagt gctctgtctg ccctgggtggg     600
tttcattatc ctgtctgtca aacaggccac cttaaatcct gcctcactgc agtgtgagtt     660
ggacaaaaat aatataccaa caagaagtta tgtttcttac ttttatcatg attcacttta     720
taccacggac tgctatacag ccaaagccag tctggctgga actctctctc tgatgctgat     780
ttgactctg ctggaattct gcctagctgt gctcactgct gtgctgcggt ggaaacaggc     840
ttactctgac ttccctggga gtgtactttt cctgcctcac agttacattg gtaattctgg     900
catgtcctca aaaatgactc atgactgtgg atatgaagaa ctattgactt ctttaagaaaa     960
aaggggagaaa tattaatcag aaagttgatt cttatgataa tatggaaaag ttaaccatta    1020
tagaaaagca aagcttgagt ttcctaaatg taagctttta aagtaatgaa cattaataaaa    1080
aaccattat ttcactgtca tttaaa                                     1106

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<210> 7856
<211> 1911
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (503)...(1520)
<223> similar to gi3688370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7856
gttcgacgcc cgttgtaccg aaccggaatt cccgggtgcag accccgcgct cggtttgagg      60
ctgagccgct gagaggctga gtggagttca ctcacatgga ttgaggccca gttcctggga     120
gaagagatgc tgggcaggaa ggtgtctgca tgtgggactc tgtacagccc ggtcctctcc     180
cacatctggg aggggccaaga gtcagacaac tgctgggttc gtccctaaga gaggtcatct     240
gactggctgt tcagcctagg ctgcacacac ccccactttc ctctaccagg ccacaccgga     300
ggcagtgtc acacaggcaa gctaccaggc cacaacaacg acaccacct cacctctggc     360
acctctgagc atccacgtac ttgcaagaac tcttgctcac atcagctaag agattgcacc     420
tgctgacctg gagattccgg cctgtgctcc tgtgctgctg agcagggcaa ccagtagcac     480
catgtctgtg actggcgagg agatggcacc gtccttcacc caggagatcc tcagccacct     540

```

gggcctggcc	agcaagactg	cagcgtgggg	gaccctgggc	accctcagga	ccttcttgaa	600
cttcagcgtg	gacaaggatg	cgagaggct	actgagggcc	attactggcc	aaggcgtgga	660
ccgcagtgcc	attgtggacg	tgctgaccaa	ccggagcaga	gagcaaaggc	agctcatctc	720
acgaaacttc	caggagcgca	cccaacagga	cctgatgaag	tctctacagg	cagcactttc	780
cggcaacctg	gagaggattg	tgatggctct	gctgcagccc	acagcccagt	ttgacgccc	840
ggaattgagg	acagctctga	aggcctcaga	ttctgctgtg	gacgtggcca	ttgaaattct	900
tgccactcga	acccaccccc	agctgcagga	gtgcctggca	gtctacaaac	acaatttcca	960
ggtggaggct	gtggatggca	tcacatctga	gaccagtggc	atcttgagg	acctgctgtt	1020
ggccctggcc	aagggggggc	gtgacagcta	ctctggaatc	attgactata	atctggcaga	1080
acaagatgtc	caggccctgc	agcgggcaga	aggacctagc	agagaggaaa	catgggtccc	1140
agtcttcacc	cagcgaaatc	ctgaacacct	catccgagtg	tttgatcagt	accagcggag	1200
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tcaagccctc	caggaaactg	agcccaatta	ccaagtcctg	attcgcatcc	ttatctctcg	1380
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ctactcttct	ctccaggatg	cagtgaaggg	ggattgccag	tcagccctcc	tggccttgtg	1500
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attttcccat	ctcaaaatta	tatctgtacc	tgggtcatcc	agctccttct	tgggtgtggg	1740
gaaatgagtt	ttctttgata	gtttctgcct	cactcatccc	tcctgtaccc	tggccagaac	1800
atctcactga	tactcgaatt	cttttggcaa	acttcgctgt	tgtttgtgtt	ccctgattga	1860
aggttgggtg	gagcaggaca	tggaccggac	gaattcgtct	acccgggaat	t	1911

<210> 7857

<211> 2009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (308)...(751)

<223> similar to gi4583307 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7857

gtggggaatt	ctggcggttc	atgtttgcag	gccggaagag	aaatgttctt	ttttgatttt	60
taaaaaggaa	gcctccggcc	ctatggtttt	ctggggttgg	agtggatgtg	tgtgctgggg	120
gaggcggaga	cgtcccgtc	caggcagggc	cttgggtctt	aataggtggg	gaaatctctg	180
ccaaatagga	ggcctctcgg	agcctcagtt	tccccatctg	cagactgggc	tctgacttct	240
tctggcatga	gaggggtgtg	gagagtaaaa	ggaggcagct	agccccgtgc	cgggagacac	300
gtcagccatg	tcactctgagc	ctccccacc	accacagccc	cccacccatc	aagcttcagt	360
cgggctgctg	gacacccctc	ggagccgtga	gcgctcacca	tccccctctg	ggggcaacgt	420
ggtcccaagc	ccactgccc	ctcgccggac	gaggaccttc	tcggcgacgg	tgcgggcttc	480
acagggcccc	gtctacaaag	gagtcgtcaa	atgcttctgc	cgggtccaagg	gccatggctt	540
cattacccca	gctgatggcg	gccccgacat	cttctctcac	atctctgatg	tgggaaggga	600
gtatgtccca	gtggaaggcg	acgaggtcac	ctataaaatg	tgctccatcc	cacccaagaa	660
tgagaagctg	caggccgtgg	aggctcgtcat	cactcacctg	gcaccaggca	ccaagcatga	720
gacctggtct	ggacatgtca	tcagctccta	ggagatggtg	gaagcacccc	ttgtcctgtg	780
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agacggggct	tcagccgggc	atgggtccctc	tcaagtatct	cctggaggaa	ggggtatggg	900
gggcaggtgt	ggggtgtggg	gtgttcccgg	ccatcagcac	agcctatgac	cattgcaaca	960
acctctcacc	atctgaagag	cattaaaagc	atttaaaaag	gagaggtgcc	cactgggtggc	1020
tgagtggagg	ttccaacccc	atcccaggga	gtggatcaag	ggtggatatt	ctccagctgc	1080
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ggaggctgaa	ccccctcttag	agcctgacct	tttcatctgc	cttctggttg	tgtgaccatc	1500
actcaacagc	catttcacag	ccccgttaat	tatggcgggc	gggggctggg	gtggtgggtg	1560
tgggaagggc	ttgtggagag	gacacagtct	ttgtttaaaa	actttgtccc	gatccatcca	1620
gaaaagagta	ggtagcttgc	atcctgacag	cctggcaaag	tcaagaaagt	tgaaggagaa	1680
acataccttt	ggagaggggg	ttttctttta	aactagtgtt	aagaaatgct	tagggatttt	1740
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tgccgacatt	gcaaactttt	tggcaggggg	ggagactgag	tctcattctg	tcaccagggc	1860
tggagtgcag	tggcccgcac	tcagctttac	tgcaacctct	tgccctccag	ggttctgggc	1920
aattccgcct	cagtctcctg	gagtaggctg	gggattacag	ggcatgcgcc	accacacccg	1980
gttaattttt	gtatttttag	taggagaca				2009

<210> 7858

<211> 2795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (396)...(947)

<223> similar to gi474827 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7858

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cgagagggag	cgccggggca	gggcccggc	ggaaccacag	ccggagaggg	gcagcccag	180
ccgggcgcgc	cagggtcccc	acccccaccc	cgccggacag	tgcccgggtg	tcccccgctg	240
ggggggggcgg	cggcgggcgg	tgacggggacc	gtcgggaccg	cggggggtgt	gccacctcca	300
ccgaggagcc	ggcgcgccg	cgggctcctc	agagccgggg	ccccggggcc	gtgagtcaga	360
cgggccgagg	aaggagagaga	ggcggtggcg	acaccatgtc	atctcccagt	ccgggcaaga	420
ggcgatgga	cacggacgtg	gtcaagctca	tcgagagtaa	acatgagggt	acgatcctgg	480
gaggacttaa	tgaatttgta	gtgaagtttt	atggaccaca	aggaacacca	tatgaaggcg	540
gagtatggaa	agtttagagt	gacctacctg	ataaataccc	tttcaaatct	ccatctatag	600
gattcatgaa	taaaattttc	catcccaaca	ttgatgaagc	gtcaggaact	gtgtgtctag	660
atgtaattaa	tcaaacttgg	acagctctct	atgatcttac	caatataatt	gagtccttcc	720
tgcttcagtt	attggcctat	cctaacccca	tagatcctct	caatgggtgac	gctgcagcca	780
tgtacctcca	ccgaccagaa	gaatacaagc	agaaaattaa	agagtacatc	cagaaatacg	840
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tttagaagtg	ctgtattcca	caaggtttaa	gtcagtgagg	ttggaagata	ccctatcttt	2640
tttattcaaa	aagcacaaatc	aatcttttgt	ttgaaaatct	atataaagta	caacttgctt	2700
ttagcatgat	tattttccta	aataaaaaaga	caaagaattt	acttacttta	tgttaattac	2760
gggcatgaag	caaaagggtt	tcttttaaaaa	aaaaa			2795

<210> 7859

<211> 3566

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3087)...(1606)

<223> similar to gi5901651 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7859

tttttttttt	ttagcactga	tggctttttat	tgcagattcg	tgtcattaca	aggataatct	60
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ctttgtgaga	aatgctgagg	taataggcac	acaccagac	atggacagta	ccaaacatcc	180
aacatctcac	acagcctggc	ccacgtgccc	accgggaagg	gtctcacctt	cttgactcat	240
cccttgcccc	ttcttgga	tagtcccggg	agtgtgagg	ctgacacttg	gtggccaaca	300
ggactcagaa	agccaccatg	ctgcagtgca	tcaaccaagg	ggtccggtga	cccctgatta	360
ttcaactcct	gagaagtggc	ctgttttcat	ttttgtggca	cttgttctcc	agggaagtgt	420

agtttggaga	tgagatgcgg	actctagtca	gcctgagagc	gtggaatctc	tggtctgtag	480
ccatctgggg	gctctgatga	tctgatgact	tctgttctga	gataattctc	ctggccagat	540
aggttattat	ttgtgtgaag	actcaaatga	cctgtagggt	aaagtatgaa	tggaagatac	600
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aagtatgaaa	atgtgggggg	agggattttg	aaatttgatt	aggtgccaaa	aggggttctt	960
aagaagctgg	gaacctctat	gtgagagatt	agcattgtag	acattctgga	agaatccagg	1020
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gactcaagta	atacaacact	aatgaaatgc	ttttctccta	agagcaaagc	tgctggtgac	1140
agcttcaaca	tctgagaact	gaatatatgt	gtatttaggt	atctaaggca	aacctatata	1200
tggatctaga	tatatcacat	gtgatgtata	tctaaatgca	tatatatgtg	gtatacacat	1260
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gggttcggtc	ggatcatcat	caccactttc	ttgagtgagt	aagagcctcc	tcggaactca	1680
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tcaggttcca	ggcggaact	ggcgtattct	gcaaagactt	tgcgcccgga	ccagtcctcc	1980
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agaatctatg	aaagcctctt	ccctcctgct	tggtccggg	gcggctcctc	acatgcttca	3180
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cggtggctgc	caagcagccc	tgctcactg	ggctccactg	gctctgcctc	cacagagggc	3300
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ggtccatcct	caggccgtcc	gcagcagcct	catttgaact	cccaactcct	ttgtggagcc	3480
tttacatgcc	gccagaggaa	actgtgagca	cagcctgacc	ctggttggtc	gcaggcgctt	3540
ctctccccga	aatcgtcgac	ccggga				3566

<210> 7860
 <211> 1565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1566)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (648)...(1286)
 <223> similar to gi868241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 7860
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tttggggaggc cgaggcgggc agatcacctg aggttgggag ttcgacacca gcctgaccaa      180
catggagaaa gcctgtctgt actaaaaaca caaaaatta gccaggcatg gtggcacatg      240
cctgtgatcc cagctatttg ggaggctgag gcaggagaat tgcttgaacc caggaggcgg      300
aggttgaggt gagctgagat caccgccattg cgttccagcc tgggcaacaa gactgaaact      360
ctgcctaaag aaaaaaaaaa aaaggcagct aggaatagta aaaagaatat tggttttaga      420
actcactactg ccacatcttg attcctgcac aatctcttat tagttgtgat ttttaacatc      480
tttgtggttg ttttcacatt tttaaagtga agagatagca cgttcattgt agagatttgg      540
ggattagcaa taacacagtc aggtctctag cacatactat gtattcaatg attggtggct      600
aatatttttc cttcacaaaa tttgggccta ctccactgga ctccctcaggg aagaaggaga      660
aagggccaac ccctgaagaa gcaatacaga aactgaagga gacagagaag atactgatca      720
agaaaacagga atttttggag cagaagattc aacaggagct acaaacagcc aagaagtatg      780
ggaccaagaa taagagagct gccctacagg ctttgcgag gaagaaaaga ttcgaacagc      840
agctggcaca aactgacggg acattatcca ccctggagtt tcagcgtgag gccattgaga      900
atgccactac caatgcagaa gtccttcgta ccatggagct tgctgcccaa agcatgaaga      960
aggcctacca ggacatggac attgacaagg tagatgaact gatgactgac atcacggaac     1020
aacaggaggt ggcccagcag atctcagatg ccatttctcg gcctatgggc tttggagatg     1080
atgtggatga ggatgaactg ctggaggagc tagaggagct ggagcaggag gaattggccc     1140
aggagtgtgt aaatgtgggc gacaagggaag aagaaccctc agtcaaattg cctagtgtac     1200
cttctactca tctgccggca gggccagctc ccaaagtgga tgaagatgaa gaagcactaa     1260
agcagttggc tgagtgggta tcctgatnaa aatctgggct tgtcttcta atgcctaccc     1320
tttgttggtc cctttccttc ccttaagtgc ccaagtgtcg agctaaagga ggataacttt     1380
ttggggaaagt catgctgagg gtggtagtgt gaccctgcct gaacaaaagg gtctcttacc     1440
ctcccagccc tggctcaact ctgaagaagg atcttgctac agaaggagcc cttgggctcc     1500
cttctctttg atagcagtta taatgccctt gttcccaata aaactgggca gatggaaaaa     1560
aaaaa                                           1565

```

<210> 7861
 <211> 2833
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(2834)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2758)...(2085)
<223> similar to gi2570007 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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acaagtacag tttattacta gacttttaggc ttgaatgatt catatatata gatatacagtt     180
tactacagag gacatgtact tttaacattt tttgtttaga aaatatttta cataaaaaaca     240
caaagcattt accaaccact cacaaccagt cttcagcaaa gatttggctg aagataactt     300
tctacaaaac actccaagac tgaatagaat gtagtatttt acatacttta gcttattggt     360
gcagttaaaa gctccccctt gtttgatggc ttctgcatgt atctacaaag cagaagtctt     420
aactgggtgac ctgttaaata acattgcctt tttaaagtga cttgtcccca gcccggaacc     480
taagtagtca taatgaaata aagtaattga tatatgaggg gcttttagta agggcttttt     540
caacctaata aaataataat ttagtatcta tcagtgcatt attccttttac tgttttgtgt     600
tcaataacca cctggagtgct taattgtcta gtataatcag ttggcatcaa aatagaaagt     660
aaaaagatgt acatttaata taccaattct tacctgaata atcttggatt tctggagaat     720
gttccacaaa gtggaatttc ttcctaaagt tatgctgaat gtggtacaat gtgtacaact     780
tggttaacca gtgctgctt ttcatttcca agatttttcc ttatcttgaa tcaaattgcac     840
aatcttacaa ctgtatcata atgcactggc ttacagtctt gtatataaag tccaactcaa     900
gcttattttg gtttattgta catgctttat taaaatggta cttgtattta cagtatctgc     960
agaaagagtc ccttccaagg cctcacacat tcagacacat ccatactgac acccactcca    1020
cagccccatg caccacacc agtgagatgt ggaggggtcag actcctaaaa ttaggcagct    1080
gttgggggata agagttgatt tgtttttcaa tttttttgaa aacagaaaag catgggggaa    1140
tgcatttggc cattacaatg ctaattgagt ttgtgtatat tacatatatg gcagttaaca    1200
ctgtaatatc ccttttacat tctatataca cagaatgata tcaaggtttt atggtcaaca    1260
gaatattcca acttcagtct taatgctgct tgtagtgatt tctgaattca ttataggggc    1320
tttccctaaa aataattcaa gtctatgtta agtgaaataa ggcacaatta atattgattt    1380
gatttaggga aagggaagga aagagaaggg ataaaaactg gtttcaaag atctttctgt    1440
tggggaaacta gctctgactt aaaccacact gaaattcctt ctctaattt ccaaagattt    1500
ctttataaag atatttttct tttccctgac aaagccaaaa agaaaagttt gggaattcac    1560
attttaaatgt ttcagtagcc tgaacaactc aaattgatgt gtaccccccac ctcccctgat    1620
caggtcgcct ccctcaccca tgttaaaata aaaacacagt atgtgacaca ggagtcctt    1680
gatgtttctt gaggagatct gtacacttga gtagcaata catatctggg tgtcttcaat    1740
atattttaaa aagaaagaaa gagaaagaag aaaggaaaga aggaaaaaag gaaggaaaga    1800
agtaatatgg tgactttctt gctctttaaa aaaatccctg tctccttctt ttcaggatga    1860
tgaagcccca ctagacatta caaacaactg caacaaatga gtttggcagc ataaataatg    1920
tctagttatt caaatcttca tagtgagatt aatttatctt gtacacaatt tgttgaatgt    1980
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cctacataat catatttttc tttaaactgc atttccatt ctccaact ctccatttgt    2220
actgcattca aatctgagag atcatcatat tcatctctaa gtgcatcttt atctaggcaa    2280
aatgtggcca gtcctctgga ggcaccccta ccagcaata ttccatatgg acccgccggg    2340
ccgtagaact tgctgccttt ggtaacgtcg aagactttcc cattgaccgc gagcaggatg    2400
cgcggttgc gggagccgtc gtactggcgc agctgctcca agctgaagtc ccgttcttc    2460

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atgcgaggca	gagaggtggc	ggggctctcc	tcgccccgcc	cgcccccggc	ccccagaccc	2520
cgccgcccc	agcgcaccca	cagccggtag	gccccagca	gcaccagagc	caccagcgcc	2580
acgttcagca	gcatttcccc	gcccccgtc	agaagcgcca	acgccgccgc	cgcccagcct	2640
cccccttcg	ctgccgctcc	cgcgctcgct	ggactctcgc	tgccgccgtc	gttgctgctc	2700
tcgtgccac	tccccaggg	gcctagcttc	acgtccccat	caccagccgc	catcacacga	2760
aatcgctgac	ccgggattcc	ggtccggtag	tctgtgcgct	agctntcagt	atcaatnttt	2820
cntgcggggg	ggg					2833

<210> 7862
 <211> 2039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (46)...(846)
 <223> similar to gi5262520 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tgggcgagca	gtctgaatgc	cagaatggat	aaccgttttg	ctacagcatt	tgtaattgct	120
tgtgtgctta	gcctcatttc	caccatctac	atggcagcct	ccattggcac	agacttctgg	180
tatgaatatc	gaagtccagt	tcaagaaaat	tccagtgatt	tgaataaaaag	catctgggat	240
gaattcatta	gtgatgaggc	agatgaaaag	acttataatg	atgcactttt	tcgatacaat	300
ggcacagtgg	gatttgtggag	acggtgtatc	accataccca	aaaacatgca	ttggtatagc	360
ccaccagaaa	ggacagagtc	atgtgatgtg	gtcacaaaat	gtgtgagttt	cacactaact	420
gagcagttca	tggagaaatt	tgttgatccc	ggaaaccaca	atagcgggat	tgatctcctt	480
aggacctatc	tttggcgttg	ccagttcctt	ttaccttttg	tgagtttagg	tttgatgtgc	540
tttggggctt	tgatcggact	ttgtgcttgc	atttgccgaa	gcttatatcc	caccattgcc	600
acgggcattc	tccatctcct	tgcaggtctg	tgtacactgg	gctcagtaag	ttgttatggt	660
gctggaattg	aactactcca	ccagaaacta	gagctccctg	acaatgtatc	cggtgaattt	720
ggatggtcct	ttgcctggc	ttgtgtctct	gtccctttac	agttcatggc	ttctgtcttc	780
ttcatctggg	ctgctcacac	caaccggaaa	gagtacacct	taatgaaggc	atatcgtgtg	840
gcatgagcaa	gaaactgcct	gctttacaat	tgccattttt	atTTTTTTTaa	aataatactg	900
atattttccc	cacctctcaa	ttgtttttta	tttttatttg	tggatatacc	atTTTtattat	960
gaaaatctat	tttattttata	cacattcacc	actaaataca	cacttaatac	cactaaaatt	1020
tatgtggttt	actttaagcg	atgccatctt	tcaaataaac	taatctaggt	ctagacagaa	1080
agaaatggat	agagacttga	cacaaattta	tgaaagaaaa	ttgggagtag	gaatgtgacc	1140
gaaaacaagt	tgtgctaatt	tctgttagac	ttttcagtaa	aactaaagta	actgtatctg	1200
ttcaactaaa	aactctatat	tagtttcttt	gggaaacctc	tcacgtcaa	aactttatgt	1260
tcactttgct	gtttagata	gccagtcaac	cagcagtatt	agtgtgtgtt	tcaaagattt	1320
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ggcgaggatt	agtattattt	ttaactctcc	gtaagatttt	cagtaccacc	aaattgtttt	1560
ggattttttt	tctttcctct	tcacatacca	gggttattaa	aagtgtgctt	tctttttaca	1620
ttatattaca	gttacaaggt	aaaattcctc	aactgctatt	tattttattcc	agcccagtac	1680
tataaagaac	gtttcaccat	aatgaccctc	cagagctggg	aaacctacca	caagatctaa	1740
agttctggct	gtccattaac	ctccaactat	ggtctttatt	tcttggtgta	atatgatgtg	1800

cctttccttg	cctaaatccc	ttcctgggtgt	gtatcaacat	tattttaatgt	cttctaattc	1860
agtcattttt	ttataagtat	gtctataaac	attgaacttt	aaaaaactta	tttattttatt	1920
ccactactgt	agcaattgac	agattaaaaa	aatgtaactt	cataatttct	taccataacc	1980
tcaatgtctt	ttttaaaaaa	taaaattaaa	aatgaaaaga	gactcaattg	taaaaaaa	2039

<210> 7863

<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (409)...(1425)

<223> similar to gi5834595 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7863						
aactgagacc	cttgtaagtg	cgctggaatt	cggcgctgca	ggtgtcgggg	cctcaacctt	60
goggagccga	cagccatcga	tcctcggttg	gcctcgaggt	ggtggcaggg	ccgccccctg	120
cagtcgggag	acgaacgcac	ggaccggggc	tccggaggca	ggttcggctg	gaagggaaccg	180
ctctcgcttc	gtcctacact	tgcgcaaatg	tctccgagct	tactcacata	gcatattggt	240
atatcaaaat	gaaatgcaag	gaaccaaana	taacataatt	gaaggcagta	aaagtgaat	300
taaataggaa	gatcatcagt	caaggaagac	ccactggaga	ggacagaaaa	tgaagcagt	360
ttttatcatg	tgtatttcag	caggtcttct	tgaaatttaa	ctaaaaatat	gactgctctc	420
tcttcagaga	actgctcttt	tcagtaccag	ttacgtcaaa	caaaccagcc	cctagatggt	480
aactatctgc	tattcttgat	catacttggg	aaaatattat	taaatatcct	tacactagga	540
atgagaagaa	aaaacacctg	tcaaaatttt	atggaatatt	tttgcatctc	actagcattc	600
gttgatcttt	tacttttggg	aaacattttc	attatattgt	atttcaggga	ttttgtactt	660
ttaagcatta	ggttcactaa	ataccacatc	tgctatttta	ctcaaattat	ttcctttact	720
tatggctttt	tgcatattcc	agttttcctg	acagcttgta	tagattattg	cctgaatttc	780
tctaaaacaa	ccaagctttc	atttaagtgt	caaaaattat	tttatttctt	tacagtaatt	840
ttaatttgga	tttcagtctc	tgcttatgtt	ttgggagacc	cagccatcta	ccaaagcctg	900
aaggcacaga	atgcttattc	tcgtcactgt	cctttctatg	tcagcattca	gagttactgg	960
ctgtcatctt	tcattggtgat	gatttttatt	gtagctttca	taacctgttg	ggaagaagtt	1020
actactttgg	tacaggctat	caggataact	tcctatatga	atgaaactat	cttatatttt	1080
cctttttcat	cccactccag	ttatactgtg	agatctaaaa	aaatattctt	atccaagctc	1140
attgtctgtt	ttctcagtac	ctgggtacca	tttgacttac	ttcaggtaat	cattgtttta	1200
cttaaagtcc	agattccagc	atatattgag	atgaatattc	cctgggtata	ctttgtcaat	1260
agttttctca	ttgctacagt	gtattgggtt	aattgtcaca	agcttaattt	aaaagacatt	1320
ggattacctt	tggatccatt	tgtcaactgg	aagtgtgtgt	tcattccact	tacaattcct	1380
aatcttgagc	aaattgaaaa	gcctatatca	ataatgattt	gttaatatta	ttaattaaaa	1440
gttacagctg	tcataagatc	ataattttat	gaacagaaa	aactcaggac	atattaaaaa	1500
ataaactgaa	ctaaaacaac	ttttgcccc	tgactgatag	catttcagaa	tgtgtctttt	1560
gaagggctat	gataccagtt	attaaatagt	gttttatttt	aaaaacaaaa	taattccaag	1620
aagtttttat	agttattcag	ggacactata	ttacaaatat	tactttgtta	ttaacacaaa	1680
aagtgataag	agttaacatt	tggctatact	gatgtttgtg	ttactcaaaa	aaactactgg	1740
atgcaaactg	ttatgtaaat	ctgagatttc	actgacaact	ttaagatatc	aacctaaaca	1800
tttttattaa	atgttcaaat	gtaagcaag				1829

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<210> 7864
<211> 2783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (88)...(1140)
<223> similar to gi35518 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7864
cgacccacgc gtcgcgccac gcgtccgggc ccagctgctg agaggagtgt cctgagagtgt      60
acctttgcat ctgcctgtcc agccagcatg gaaccaaagc ggatcagaga gggctacctt      120
gtgaagaagg ggagcgtggt caatacgtgg aaacccatgt gggttgtatt gttagaagat      180
ggaattgaat tctataagaa gaaaagtgac aacagcccca aaggaatgat cccgctgaaa      240
gggagcactc tgactagccc ttgtcaagac tttggcaaaa ggatgtttgt gtttaagatc      300
actacgacca aacagcagga ccacttcttc caggcagcct tcctggagga gagagatgcc      360
tgggttcggg atatcaagaa ggccattaaa tgcattgaag gaggccagaa atttgccagg      420
aaatctacca ggaggtccat tcgactgcc aaccattg acttaggtgc cttatatttg      480
tccatgaaag aactgaaaa aggaataaaa gaactgaatc tagagaagga caagaagatt      540
tttaatcact gcttcacagg taactgcgtc attgattggc tggatatcaa ccagtctgtt      600
aggaatcgcc aggaaggcct catgattgct tcatcgctgc tcaatgaggg gtatctgcag      660
cctgctggag acatgtccaa gagtgcagtg gatggaactg ctgaaaaccc tttcctggac      720
aaccctgatg ccttctacta ctttccagac agtgggttct tctgtgaaga gaattccagt      780
gatgatgatg tgattctgaa agaagaattc agaggggtca ttatcaagca gggatgttta      840
ctgaagcagg ggcatagaag gaaaaactgg aaagtgaaga agttcatctt gagagaagac      900
cctgcctacc tgcactacta tgaccctgct ggggcagaag atccccctggg agcaattcac      960
ttgagaggct gtgtggtgac ttcagtggag agcaactcaa atggcaggaa gagtgaggaa     1020
gagaaccttt ttgagatcat cacagcagat gaagtgcact atttcttgca agcagccacc     1080
cccaaggagc gcacagagtg gatcaaagcc atccagatgg cctcccgaac tgggaagtaa     1140
agagactcct gcattcctcc tcccctcctg agggaagccc atggacaagc tcagtccagg     1200
acctgtccac ttctgtgaca aatcaacggg aaacagccca ggggtgggaa gttttcattt     1260
gcaggggggt ctgaatgtaa ctacccatgt ggtgtgcaag gttcccctgc attgtattgc     1320
tctactgcagc cctctgccc ctatccatga cccccaagca gatataacaa gctgtgcagc     1380
ctcagtaggc tgcttgccct ctccaggcct cagggcctct tctggaaaat gaagaaattc     1440
aactagtaga ttcttgaggt ctccccagct taaaaaaaaa aaatctgccc cgtgattcta     1500
acactcgcag tagtgatagt gtatctagtt gttctgctgg tgccttctt tggctaagtc     1560
ttggccttca gttatcttca aatgtaccag aacctgagcc aacgcctccc tgtgaaactg     1620
ttgctgatct gtagtacagt accaggaaga aacctctttt gttctcttta gacatcttct     1680
acttgctctt ggccttgaga tcgtgtaaca aaatgaagga gggctctctt ctttcttcct     1740
catcctactc aaaaacttcc cgagagcagt ggtggttttg agggttttga cttctattac     1800
ttttggcagc ctggaaaagt gtgtcttctg ggaaagagac ccggggaggc caggagtagc     1860
tgagggtcct ttctgtgccc ttaaaccgcc cagaggagcc ctattccact ctggtttttag     1920
gctgatctga gagggctctc ctttgttctt ttctggagca tttctctaac gtttattaca     1980
attaggaggg ggacccaca tctgtgagat tctgtttcat ttgaggttta cagaaaaaaa     2040
aagtggccag atgtgttccc cccatgggtg agaggcctgg gcaactgcct ggtgaatgtg     2100
tctcgcggca gctgcagcaa gtggaggggc tgaactactg gccagctcac tggatgatgg     2160
gttaatacaa caactgcact gtaaggactc agagccacac agaacttctg agaggggctg     2220
ttagcattgc gcagcatctt cagttctcca gtaaatagata ttgcgttcgt gcctcagctt     2280
taagcacaag tagcagcagc tcctgcttga gttctgaggg catcatggcc ctatgattaa     2340

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ccagagtgat	ctaacctaga	ctaaaattgg	gaacttattt	gcaatttttg	accctgacca	2400
ctaactagt	attcttctcc	aaaattgaga	aagacagcac	ccattgaaac	agatatgtgt	2460
gtgaaagtat	atttttcaat	tccagatttt	taatttttaag	gctccaggaa	agaaaggaga	2520
gtagaacatt	tttcttcatt	ttatcaaate	ctctcttgcc	ctccctcaat	tccctgttaa	2580
cattcctgaa	gctgttccca	ctcccagatg	gttttatcaa	tagcctagag	gtaaagaact	2640
gtctttttct	ctgattcttt	aataaattat	ctttatagaa	tatgcacaag	tttttctaca	2700
ctcagtgtta	aagtatttat	taatgggaag	tcaacttaat	gttttgaaat	aaatatatga	2760
ctctgtttta	tgcaaaaaaa	aaa				2783

<210> 7865

<211> 1756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (140)...(663)

<223> similar to gi62701 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7865	
cacccgcacc	60
caggagtact	120
tcctcctgcg	180
cggggagccc	240
ccagcaagag	300
cgaggaccca	360
accacaagca	420
agagttggaa	480
ttcccacgcc	540
gaaatggaaa	600
cggggaaacg	660
ttaacttcta	720
ggacaccacc	780
tcactgctct	840
gtatcacata	900
tagctatat	960
acttccta	1020
cacttgaaca	1080
attatgtctg	1140
ttctttcctt	1200
cgtattttct	1260
atgtaacttg	1320
acaagaattt	1380
aataatctgg	1440
tcgttttgaa	1500
ctgtgttccg	1560
cgctgggttt	1620
gttcttcagg	1680
aaacctgagt	1740

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<210> 7866
<211> 2632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2443)...(219)
<223> similar to gi3123574 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7866
tttttttttt ttcatgaaaa tatagtcatc aaattttatct tcattgggat gccatttttt 60
gaagaattcc taagactaat gtttcttgac atgcaagagt tagcattaat agcttacgtt 120
actataaata ctgctgcttg gaagcagtac aactgtttta gagttttaag actacagact 180
ttcattactc aaatcttatt cagtaaatgt aaaaatcaga aggttctgaa cagctgggta 240
ggaaggtagc caagatgcag gaaagatgtc tgcgcctcct tttcaagggc agccaactct 300
tgaacagtag gtgccaaaat atccacatgg cctttatagc ttccaccacc agcagccctt 360
ttctgaccgt aggtaacttt cccatcaaat tcatccactg gtacctttat atccggctca 420
acctgagaaa tggtagcagt caggtgttct tctatctcag atagtaactg catctcgttg 480
taccatatgg tacagcctcc atcttccttg agtcttgtgt tataacaccc ttttccacgg 540
ctgctacata catggtacca aaccttttct ttttctgttg ccaccagga aattgccaga 600
cccatccttt cagctcttcc tactctgcc aattcgatgta cgtagttttg cttttcatcg 660
ggcagagtga catttataac ataaggaaca ccgtggatat caattcctct agcagctaca 720
tctgtgcaaa tcaagaatct tacatctcct ttcttaaate tttccaagtt ttgctttctc 780
tcatgaggct ttctgtcacc atgaagacaa acacatgaga actgggtgtcc ttttttatca 840
ggctctcttc cttgttgtat aaagtactgc tccaagttat cacagtcaat tttgggtcta 900
cagaagataa ttgcttgatc catcttatgt tcttgattg cccggacagc atactccct 960
ttcaggattt taatagcttc agaccacatc tctggactat tagcaccagg tcttgtgtta 1020
tcttttgcat gtacatcatc agttctaatt tggctctttc caagcctttc ccagagctcg 1080
tcagttttgg gatttactgg gacaacaaca tgggtgtacag tatctggaac agagtcttct 1140
ccttttaagt caacctatgt aggaaaatgc attatcttct cggacagttt ctttacatcg 1200
aaagaatgca aagtggcaga gcaaacatc acctgaagtc tttttccatc agaggtaacc 1260
tgaggaaatc gattgtgcat cctatttata aaatcagaat aaccttgaga aagaagccca 1320
tcagcttcat ccaggaccag gaatctaact tgagataagt tcagctttcc agttgacacc 1380
aagtcactta gtcttcccg agtacctaca actatatcta ctccattttc caaaacagag 1440
agctgatccc gggctgcaac acctccaatt atcagaagct cccttaattt aggtattatca 1500
atgtatttct taaactgctt gatgttggtc aaagtgtgtt cagctaactc ccgggaaggt 1560
tcaacaatga gagctttcgg agcattgggg agaaactttg tttgtgtcac ctgtgcatta 1620
cctgagtgtc gtgatttgac aatgtaacca tccggtgcct tggaaagagc aacaaagcca 1680
tcttttggtg gaaacttaaa ttctcttcca ccgaagttaa atttcagttc agcattcttc 1740
aaaacacagg caggaaagag ggcttggttt ttcatatgtg gtgggtatttc aaatgccaga 1800
ccaagatctt ttccattttt ggagaacttg acatgtccct tatctatatc caggtaacat 1860
ccaatgggat catgcatagt gaattcctct ccataattat caaattgttt gttatgggat 1920
ttctttcctg ttccaccaa gccaaatcca aacttgtcag tacctagggtc caaagaggcc 1980
tgcattgtag accaccgac cctgcataac ccttggtcat gacaggatac ttcatagtag 2040
tgtttccctt tcattaatcc tttagtagct ctacacccat gccattcctt tacttctctg 2100
ctttgacaac aaagaccatc tgacccaatt gcaaaagcag atcctctgtc atatgggttc 2160

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atctgccatt	tgttcagcac	tgaagcacca	gttttaattg	ttgtttttcc	ttttttgcct	2220
tcctgttggt	ctttcagagt	ttcataaact	atctggataa	ctggaataact	aaaagcacca	2280
gtttttgccac	ttcctgtttc	tgcagccata	agtacatcac	ctcctcctaa	gatcaatggg	2340
atagattcag	cctggatata	agttgggagg	agccaatcca	tctcttccac	agcttgtgca	2400
atctcaggca	ttacacccat	ctcggagaag	gccgccatct	tcaccccgtc	ctccgcggct	2460
tcgcctgctc	gctccctccc	tcccgaactga	cacggcgtag	cagtggcggc	gcgcgcttcc	2520
ggcccttggg	cttcggcggt	cggagtcagg	gcagggactc	agccccggga	gaacggttcc	2580
gatggaagga	aaggccccgc	ccggccccgc	cttatgcgcc	tgccgcacga	aa	2632

<210> 7867

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (147)...(644)

<223> similar to gi5737757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7867						
gcggtggaat	tcggttcaac	ttcaacatgg	ccgaagcaag	tagcgccaat	ctaggcagcg	60
gctgtgagga	aaaaaggcat	gaggggtcgt	cttcggaatc	tgtgccaccc	ggcactacca	120
tttcgagggt	gaagctcctc	gacaccatgg	tggacacttt	tcttcagaag	ctggtcgccc	180
ccggcagcta	ccagagattc	actgactgct	ataagtgcct	ctaccagttg	cagcctgcga	240
tgacacagca	aatctatgac	aagtttatag	ctcagttgca	gacatctatc	cgggaggaaa	300
tctctgacat	caaagaggag	gggaacctag	aagctgtcct	gaatgccttg	gataaaattg	360
tggaagaagg	caaagtccgc	aaagagccag	cctggcgccc	cagcgggatc	ccagagaagg	420
atctgcacag	tgttatggca	ccctacttcc	tgcagcaacg	ggacaccctg	cggcgccatg	480
tgcagaaaca	ggaggccgag	aaccagcagc	tggcagatgc	cgtcctggca	gggcggaggc	540
aggtggagga	gctgcagcta	caggtccagg	cccagcagca	ggcctggcag	gctctacaca	600
gagaacagag	ggagctgggt	gctgtgctga	gggagcctga	gtgaggagac	cggccagccc	660
cagaagcaga	gggcagtcaa	ggtcaagagc	ctgtggtcca	gcatgcctgg	cctgggcggg	720
ctaccctctg	agaacggctt	gaaatggtgc	ccagtccttc	agcagtgatg	gaatttgctg	780
gaggacttag	gccagagcaa	gcctcactgc	caettgtgcc	tttggggcac	ccttgggggt	840
tggaataac	accccttcta	agattcctct	gtttcttcta	cctggataat	tcttggccat	900
gttctctctt	ctctagggtc	aggtcagctc	tgcctctccg	cccacaccgc	gtgtgggttc	960
ccagcccttt	tccttgcccc	tggtctggag	aatctgtttt	caatctccac	tgattgcccc	1020
cttgctggac	acaccagggg	gcctttacca	tgttctctcc	acatccgtaa	ataaacttcc	1080
ttcactacac	tgtaaaaaaa	aaa				1103

<210> 7868

<211> 1761

<212> DNA

<213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1642)...(952)
<223> similar to gi3335184 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7868
ctcctaagga actcattgtc tatagccctt agccttgttg tttaggcaag aggccaggtc      60
aggtgcccta gagtgaggca ggggcttcag ccaaagttgt gatcgagct tctgaggcag      120
ttcctcagtg gagtcagagt ccgctgccac ctgagctttc caccagatct tctttccttt      180
ccttggtgctt tcctcaagct gcaggcttga tcccagccca caaatatgag agaattctgg      240
aaagtgccct gagaaatggg ttctgggttt ttttttcatt tttatttttt taaatgtccc      300
aggctgcctt cctgtcctcc catcctgcat cctgctttct gttccctgga taccgtagga      360
tggtttttatt tcagttcatg cacaaattag tctggacact gtggagtcac aacaagagtg      420
ggatggagggt tccagggcca atcagtttct ttggagggaa gcttgagaag taggttagag      480
caatgcccac aaaagccact gcttctcctt cccatcccca gcaatgagct aagagccaac      540
ctcagccaga gagaggggtc ttgatcacag agggtcagtc agtgggatgt gattagtggg      600
gtttggggga tgggagtccc agggttaaac cagagggcaa agggatcctc tgagtccctg      660
cttaagggaa tggggtttca agttgagggt tggggactta gggcagggga gcagcaaggt      720
gaggaaaaca gaaaggctgg catggcgagc atccttggca attcaacctg catgctgtta      780
cactagcccc catttctgcc tttgctcaat ccaatggcca aagtcagtct atcctcagca      840
gcaccttctg acacgatcca gtggtagtgt cctcacctg tggccctcgg ggtgctgtcc      900
actgtttttc acagaccag ccaccccca gctctggccc ctggttcttc acacataccc      960
tgtcaggctg taggaattga actcactctt gactttggga ggttgaccag gccttgagga     1020
gctccttgtg gcaagagggtt gggcttggtt ggcacgtag tagttggagc gatttctctg     1080
gcatgagcag gaaaagcaga ggatgattcc agctatcagg gagaacaggg aagaaataat     1140
gccaagtaa agagcctctc caatctcaaa tttcatgctg tcaggcacca gtggtgagta     1200
gaagtcctcg aggatcccat gaagattcca ggcaacagga atgaatccca ggaggcctcc     1260
aaggatgaaa aagactccac ctgctaccgc cactctgtct ttggctcggg attcctggca     1320
gaagactgtg catctcatgc ccaccacaga gataatgcag gccagggagg agattgcact     1380
ggatgtcacc atcatggcct gggcagcctg gatgtcagcg ggcaggccca gaagggtgct     1440
atagatgtca cactgggtga tgctgtgct gtgtgtggca cattccatcc agaggccctt     1500
ggagaagcca actgctgtca caatgctggc accgacataa gaacttggtt tccagctggg     1560
gagcagcatg gcaaccagtg tgccaaaag cccagaagg cctaggatgt agcccacaag     1620
ttggaggcca agagaggcca tggcagacct ctcagtagaa gcgtcttcag ggactgctcc     1680
cttgtcttca ggctgaagct cttgctcctt gaacacctct aatccctcat ttcagagtct     1740
ctctgccagg ctgacttctc t                                     1761

```

```

<210> 7869
<211> 1833
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (744)...(1044)
<223> similar to gi3694883 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7869
ccccccctct ccccgctctct ccccgccccct ccccgctccct cccgcccgaag ctccgctcccg      60
cccgcggggcc ggctccgccc tcacctccccg gccgcgggctg cccctctgccc ggggttggtcca      120
agatggagggg cgctccaccg gggctcgctcg cccctccggct cctgctgttc gtggcgctac      180
ccgcctccgg ctggctgacg acgggcgccc ccgagccgcc gccgctgtcc ggagccccac      240
aggacggcat cagaattaat gtaactacac tgaaagatga tggggacata tctaaacagc      300
aggttgttct taacataacc tatgagagtg gacagggtga tgtaaataac ttacctgtaa      360
atagtgggtg aacccgaata agctgtcaga ctttgatagt gaagaatgaa aatcttgaaa      420
atttgaggga aaaagaatat tttggaattg tcagtgtgaa gatttttagtt catgagtggc      480
ctatgacatc tggttccagt ttgcaactaa ttgtcattca agaagaggta gtagagattg      540
atggaaaaca agttcagcaa aaggatgtca ctgaaattga tatttttagtt aagaaccggg      600
gagtactcag acattcaaac tataccctcc ctttggaaga aagcatgctc tactctatct      660
ctcgagacag tgacatttta tttacccttc ctaacctctc caaaaaagaa agtgtttagtt      720
cactgcaaac cactagccag tatcttatca ggaatgtgga aaccactgta gatgaagatg      780
ttttacctgg caagttacct gaaactcctc tcagagcaga gccgccatct tcatataagg      840
taatgtgtca gtggatggaa aagtttagaa aagatctgtg taggttctgg agcaacgttt      900
tcccagtatt ctttcagttt ttgaacatca tgggtggttg aattacagga gcagctgtgg      960
taataaccat cttaaagggtg tttttccag tttctgaata caaaggaatt cttcagttgg      1020
ataaagtgga cgtcatacct gtgacagcta tcaacttata tccagatggt ccagagaaaa      1080
gagctgaaaa ccttgaagat aaaacatgta tttaaaacgc catctcatat catggactcc      1140
gaagtagcct gttgcctcca aatttgccac ttgaatataa tttcttttaa atcgttaaaga      1200
atcagtttat aactagaga aattgctaaa ctctaagact gcctgaaaat tgacctttac      1260
agtccaagt taaagtttac cttattctcg gccgggtgca gtggctcatg cctgtaatcc      1320
caggactttg ggaggccaat gcgggcggat cacgagggtca gatcaagacc atcctgccaa      1380
catggtgaaa ccctgtctct actaaaaaaa ataaaaaaat tagctgggtg tggcgggtgca      1440
cgctgtggt cccagctact tgggagggtg aggcaggaga attgcttgaa cccgggaggc      1500
ggaggctgca gtgagccaag atcacgccac tgcaactccag cctgggtgac agagcgagac      1560
tctgtttcaa aaaaaaaaaa gttgacctta ttctctaaaa gggctggcta ttcatatgat      1620
gaattgttaa ggaaaactta aagtggaa gaacacatgt gaagagactt tgaaattatc      1680
aaaagaaaaa aaaaagacca gacaaaatct catgtgccaa taacttttca aggtgccttt      1740
gttaaggaaa ttatatccac ttaattacta taatatataa gactttatga aaagcacttt      1800
ataaaattct aatttaaaag gtcaaaaaaa aaa                        1833

```

<210> 7870

<211> 1963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (652)...(1538)

<223> similar to gi3242753 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 7870
gggctgcctc acttctgcct gatttgggaa gcgctgcaag gacaaccggc tggggtcctt      60
gcgcgccgcg gctcaggag gagcaccgac tgcgcgcac cctgagagat ggttggtgcc      120
atgtggaagg tgattgttcc gctggctcctg ttgatgcctg gccctgtga tgggctgttt      180

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cgctccctat	acagaagtgt	ttccatgcc	cctaagggag	actcaggaca	gccattat	240
ctcaccctt	acattgaagc	tgggaagatc	caaaaaggaa	gagaattgag	tttggtcggc	300
cctttccag	gactgaacat	gaagagttat	gccggcttcc	tcaccgtgaa	taagacttac	360
aacagcaacc	tcttctctg	gttcttccca	gctcagat	agccagaaga	tgccccagta	420
gttctctggc	tacaggggtg	gccgggaggt	tcattccatgt	ttggactctt	tgtggaacat	480
gggccttatg	ttgtcacaag	taacatgacc	ttgcgtgaca	gagacttccc	ctggaccaca	540
acgctctcca	tgctttacat	tgacaatcca	gtgggcacag	gcttcagttt	tactgatgat	600
acccacggat	atgcagtcaa	tgaggacgat	gtagcacggg	atattatacag	tgactaatt	660
cagtttttcc	agatatttcc	tgaatataaa	aataatgact	tttatgtcac	tggggagtct	720
tatgcaggga	aatatgtgcc	agccattgca	cacctcatcc	attccctcaa	ccctgtgaga	780
gagggtgaaga	tcaacctgaa	cggaattgct	attggagatg	gatattctga	tcccgaatca	840
attatagggg	gctatgcaga	attcctgtac	caaattggct	tgttggtatga	gaagcaaaaa	900
aagtacttcc	agaagcagtg	ccatgaatgc	atagaacaca	tcaggaagca	gaactggttt	960
gaggcctttg	aaatactgga	taaactacta	gatggcgact	taacaagtga	tccttcttac	1020
ttccagaatg	ttacaggatg	tagtaattac	tataactttt	tgcggtgcac	ggaacctgag	1080
gatcagcttt	actatgtgaa	atttttgtca	ctcccagagg	tgagacaagc	catccacgtg	1140
gggaatcaga	cttttaata	tggaactata	gttgaaaagt	acttgcgaga	agatacagta	1200
cagtcagtta	agccatgggt	aactgaaatc	atgaataatt	ataaggttct	gatctacaat	1260
ggccaactgg	acatcatcgt	ggcagctgcc	ctgacagagc	gctccttgat	gggcatggac	1320
tggaaaaggat	cccaggaata	caagaaggca	gaaaaaaaag	tttggagat	ctttaaatct	1380
gacagtgaag	tggctggtta	catccggcaa	gcgggtgact	tccatcaggt	aattattcga	1440
ggtggaggac	atattttacc	ctatgaccag	cctctgagag	cttttgacat	gattaatcga	1500
ttcatttatg	gaaaaggatg	ggatccttat	gttgataaaa	ctaccttccc	aaaagagaac	1560
atcagaggtt	ttcattgctg	aaaagaaaaa	cgtaaaaaca	gaaaatgtca	taggaataaa	1620
aaaattatct	tttcatatct	gcaagatttt	tttcatcaat	aaaaattatc	cttgaaacaa	1680
gtgagctttt	gtttttgggg	ggagatgttt	actacaaaat	taacatgagt	acatgagtaa	1740
gaattacatt	atttaactta	aaggatgaaa	ggtatggatg	atgtgacact	gagacaagat	1800
gtataaatga	aatttttaggg	tcttgaatag	gaagttttaa	tttcttctaa	gagtaagtga	1860
aaagtgcagt	tgtacaacaa	aaagctgtaa	catctttttc	tgccaataac	agaagtttgg	1920
catgccgcga	aggtgtttgg	aaatattatt	ggataagaat	agt		1963

<210> 7871

<211> 1612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (124)...(542)

<223> similar to gil322550 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7871

cccacgcgtc	cgcccacgcg	tccggggccac	acgcctcagc	cagccccggc	aagggcctat	60
caggggtggg	tcggggcatc	cgagcgggtt	tgacggaagg	agcggcggcg	acggaggagg	120
aggatggagg	cggtggtgtt	cgtcttctct	ctcctcgatt	gttgcgcgct	catcttcttc	180
tcggtctact	tcataattac	attgtctgat	ttagaatgtg	attacattaa	tgctagatca	240
tgttgctcaa	aattaaacaa	gtgggtaatt	ccagaattga	ttggccatac	cattgtcact	300
gtattactgc	tcatgtcatt	gcactgggtc	atcttccttc	tcaacttacc	tgttgccact	360
tggaaatatat	atcgatacat	tatggtgccg	agtggtaaca	tgggagtgtt	tgatccaaca	420

gaaatacacaca	atcgaggggca	gctgaagtca	cacatgaaag	aagccatgat	caagcttggt	480
ttccacttgc	tctgcttctt	catgtatctt	tatagtatga	tcttagcttt	gataaatgac	540
tgaagctgga	gaagccgtgg	ttgaagtcag	cctacactac	agtgcacagt	tgaggagcca	600
gagacttctt	aaatcctcct	tagaaccgtg	accatagcag	tatatatttt	cctcttgga	660
caaaaaacta	tttttgctgt	atttttacca	tataaagtat	ttaaaaaaca	tgaattgagt	720
ttctgtagat	ttctagtctt	caacttttagc	ctgaacgcca	acacttgaag	gtgtttttca	780
tcctctgtat	gttgaagggtg	gttatttgta	tgtaggaaca	ggactgccat	cccagctttg	840
catgccaaaag	aaataaagaa	cacactttta	agggcaaact	gaagagatga	gcgagcaaaag	900
gtgcccttca	ggctctactga	aaagttagag	tacaaaacaa	cactgttgat	ctggacaaaa	960
gaagaaaaat	tacccttttt	gcttggtgtg	tgacaacttc	atttaatatg	gtttaaagat	1020
ttatgagact	gtcagctaaa	agtcttttca	caagaatgtc	aacagagaat	ggcatctcaa	1080
aatatatata	tttctttgca	caatttggtga	aaccttataa	gccattttcc	ccaggtagaa	1140
tgtagttcct	gctgatagaa	aggaaatatt	ttgtcaagag	ctttcattta	aaagctacta	1200
cctccacaat	cacccccaaa	cccagaaaat	ccccactggc	tcttgccagt	ctggttttcg	1260
tattgcagtt	attccaattg	tatttgatct	ccctgataac	gtattttcat	gggtttgggt	1320
agaagatgct	aatcagatta	gaagcaggaa	tagttatttg	ctgtctgtga	aattgagcct	1380
tttggtgctc	cacgtgggtgc	cagatcaaca	cttctatccc	tctgcactga	ccacgttggt	1440
aactgggaga	cccaaagtga	agccatttca	tggacatagc	aatatacaac	caaactctgt	1500
tccttgaggt	tatattgtaa	actcttgtag	gtgggagagc	agttcacctc	cttagctctg	1560
tttgccagct	cttacagggt	aaaataaacc	tgggcaattt	atcctcaaaa	aa	1612

<210> 7872

<211> 1758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1759)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1683)...(411)

<223> similar to gi4587714 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7872

tttttttttt	ttagattcat	ctttttaatg	acatcctaaa	attcagagga	ggggccagcg	60
ggacctctgg	gctcagcggc	tgtgaaggag	ggacccgcaa	cacccgctaa	ggcaggtaat	120
tgcaagaagg	cactcgcgag	ggggacttca	agcccctctt	ctatttcttc	atataaaatc	180
agggggatgg	ggaaagctcc	aagggcgagg	gaagcagaga	gagtttctct	cccagcctat	240
ggaataagga	agaggtgagg	aaggggtggg	tgctgggagc	aagaaactgc	caagtccagg	300
acctgccctc	acacagacac	acacagcccc	cacctgccct	ccctctaaaa	tctgcatccg	360
gggctgtaag	gaagccccgt	gttcaagccc	ccatctcttc	tcccttctag	ctggtacgaa	420
gttggtaatc	gccactctgg	gtgatgtagc	gaacccaggg	cagggcctgg	taaccacttt	480
tctcaatgat	cttcatgtat	cggacctgga	tcccagagac	ggtgaagtag	gggatctcaa	540
acttgacccc	gatggggggc	cggccctcca	cctcttctct	ttccacactg	gggaggccaa	600
agtgggctcg	catcaagtac	tccttgcccc	ccgggaaaga	cttaatactc	caaatcacga	660
cgtttctctc	cggcacatac	ttggcgctgc	ccacactggg	cttgaatctg	ggggagtcgg	720

catcgctggg	tacaggcaca	gatatctcca	caccgttggc	cactgactgt	ttcttaaact	780
gccccttggc	cttgaccatg	atctccacgc	ggctgtggga	gaacttctca	atgacagact	840
caatccagat	cagtggcttg	acctgggtgc	tgaggcggta	tgacatgagc	tcaaagtcac	900
catcaggcgg	gatgaaggag	atgggtgcgg	cgttgtcaaa	gcgagagagc	cgcacgcact	960
ggtggaatth	tacatcctcc	agctctactg	atthgttctt	gctgcggcca	gtgagctcga	1020
agagcacgcg	gtcattgagg	cccagccgca	gctctggcat	tcctgacaga	aacaccttga	1080
gcttgatggg	accgacgatt	tcgctcagaa	ggacgctgcc	gttggcattg	accagcaggt	1140
tgacagactc	tatgacatca	atgaagacct	cgthcttctt	atacttgata	ccctcggagc	1200
gccaggacac	agcgttgggt	acagtgggtg	gcacccgtga	cttgcccgtc	tccagcttgt	1260
tgctctgctg	agtgatgtac	tcctgcagga	tcttgctgtc	ggtggtctgc	gggaagccaa	1320
agtccatgag	ctcgtccagc	aactcgtaga	cgatgacaaa	gthgtcccgg	atgctctect	1380
cctccagctc	cttgaagtat	tcgcagaata	cctctattgt	cttatacagg	aaggagtaca	1440
ccagggaggc	attggcattc	ttcgatgtgg	tggccacca	gtagaggthg	ctgtgtttga	1500
tccataggaa	gtggacctgg	ccgtgggtca	gcagcggggc	cagggcgctt	tcctcctccc	1560
gctgtaccag	caaaggcatg	aagtgtctca	tcttgctcat	ggccacatcg	cccttgtagt	1620
tgcggtgat	caatggcttg	cccttaacgt	ccagaatgaa	gacagccgag	gcggacatgg	1680
tggcgccga	aggacttagg	agtcggggag	ggagcgccgg	gaggcgatgg	cgggtccgct	1740
tcnncttca	gattggta					1758

<210> 7873

<211> 1666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (165)...(910)

<223> similar to gi4929325 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7873

gcacgaggtg	aaaatgggtg	tccttctgtc	ctcttagcaa	caagaggggt	caagtgcac	60
aaccagctga	ctcccgtaga	ggaagacact	gtggaggcca	gttctggagc	tattgcagcc	120
tcggttgccc	ggccggggac	ccgagccgaa	aagttatcgt	cagaatgtcg	ggcaaagacc	180
gaattgaaat	ctttccctcg	cgaatggcac	agaccatcat	gaaggctcgt	ttaaagggag	240
cacagacagg	tcgaaacctc	ctgaagaaaa	aatctgatgc	cttaactctt	cgatttctgac	300
agatcctaaa	gaagataata	gagactaaaa	tgthgatggg	cgaagtgatg	agagaagctg	360
ccttttctact	agctgaagcc	aagttcacag	caggtgactt	cagcactaca	gthtatccaaa	420
atgtcaataa	agcgcaagtg	aagattcgag	cgaagaaaga	taatgtagca	ggtgttactt	480
tgccagtatt	tgaacattac	catgaaggaa	ctgacagtta	tgaactgact	ggttttagcca	540
gaggtgggga	acagttggct	aaattaaaga	ggaattatgc	caaagcagtg	gaactactgg	600
tggaactagc	ttctctgcag	acttcttttg	ttactttgga	tgaagctatt	aagataacca	660
acaggcgtgt	aatgccatt	gaacatgtca	tcattccccg	gattgaacgt	actcttgctt	720
atatcatcac	agagctggat	gagagagagc	gagaagagtt	ctataggth	aagaaaatac	780
aagagaagaa	aaagattcta	aaggaaaaat	ctgagaagga	cttgagagcaa	aggagagcag	840
ctggagaggt	gthggagcct	gctaattctt	tggttgaaga	gaaggacgag	gatcttctat	900
ttgaataatc	tttctgttct	tggttctttg	agaaacctta	acactggctt	catttttaatt	960
cacagtgtgt	aggtttgatt	tgtgtggcta	ttgatttttt	ggcctaagaa	tttctactgg	1020
tgtaaaatth	acctagatgt	ctattttatg	gattactttt	gcagaatcat	aatttagcaa	1080
ccattttatca	tggatgaaag	agatctgtaa	aacctgcccc	ggaacttaca	gaattttactt	1140

tgcagaagcg	ttatcatact	ccattttacat	ctgtgtttaca	cgtgatctgc	ttaccaagca	1200
tattaggaaa	tacctcttag	gaagcattag	cgggtctcagg	ccaattactg	tggagcagct	1260
ttcattccta	cccacttgca	aaccttggcg	ctgttgctctg	agattgctgc	agccattctt	1320
gttaccatgg	tacttctcaa	actttgtgaa	aacctgcact	tttccttgca	tgacagggttc	1380
ctgtcttgtc	tgtcatggga	gccattctgc	caattttaa	gcgactgtgg	tataaacagt	1440
aaaatgattt	aaaagtaagt	cattccggtt	ttattaattt	actgttaa	catgttctca	1500
tgctcagatc	agtagtgtca	gccagagctt	tctctgcaga	catgtaggaa	gtgggtagct	1560
atccccccca	ctccatgtat	tagagtttta	caaaaaggct	tacttttgag	acaactgttg	1620
cattttgggg	tactaataaa	tgattgccga	tgagttaaaa	aaaaaa		1666

<210> 7874

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (400)...(974)

<223> similar to gi33969 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7874

cccggtcgac	cacgcgtccg	gaattttgat	ctaaatagca	aatctattct	gcaggaattt	60
ttttgcaccc	gaagtattca	gatccctgct	aatagatcaa	aaacagctat	gtctaaatgt	120
ccaatatttc	caatggccag	gagtattagt	acttctggcc	ccttgataa	ggaagatact	180
ggaagacaga	agctcatttc	tacaggcagc	ctgccagcta	ctttacaagg	agctacagat	240
tctttagggt	tagaatggca	ccttccaagt	cccgatcctg	tactgttcc	gtatcttagt	300
cctttagtgg	tatggaaaaga	acttgaaagc	ttattggaaa	atgaagggtga	tcagtcaata	360
acagtagcag	actttgtgga	ccatcatcca	attgtttttt	ggaacctggt	atggtatttc	420
agacgtcttg	acttgcccag	taacttacct	ggattgattc	tttcttctga	gcactgtaac	480
aagtattcaa	agattccccg	ccactgtatg	tctgaagata	gcaaatatgt	tttaatacaa	540
atgttatggg	acaatatgaa	gttacatcag	gatccgggac	agcccttgta	cattctctgg	600
aatgcacaca	ccccaaaata	tccaatggtc	catttattgc	aaaaaagtga	taactcattt	660
aaccaggaac	tgttgaaaag	tatggtaaaa	agcattaaaa	tgaatgatgt	ctatggacca	720
atgagtcaga	ttttagagac	actgaataag	tgtccacatt	ttaaaagaca	gaggagttta	780
tacagagaaa	tactatttct	ctcacttggt	gcactgggaa	gagaaaacat	tgatatagat	840
gcttttgata	aagagtacaa	gatggcatac	gatcgtctca	cacctagtca	agtcaagagt	900
acacacaact	gtgatagacc	accaagtaca	ggggtgatgg	aatgtcgaaa	aacctttgga	960
gaaccttatc	tttaagatgt	atttgtatgt	gtaaacattc	aatgtatatt	gtatagtcag	1020
tgtataaaat	aacactttta	gactctaaat	attttttctt	caatttttga	aaatacaatt	1080
tgtaaatggt	ccaaaggact	ccagaccagc	ttatgtacca	gaatgtttga	agaagagaat	1140
agtgaccaag	tggggagaaa	agcccacttg	gtttctcatt	tctttttcct	tcttctttaa	1200
ctcccctgta	ataggaaata	aagtattttt	gtgatgagga	aatccctaaa	caaaattagt	1260
tgccataaaa	tatgacaact	gctttatggt	ttcttttgga	agagacagat	tgaaaaatca	1320
tgaatggaat	cctaaacaga	aatgtcagat	gaacgtattt	cctgttttca	tagactattc	1380
aaatgttttg	accatgaagt	tgtattatac	atatttttaa	ttgtttatag	taagttgata	1440
tttttttaat	ttttaaattt	aatatagcaa	acttaaaatg	aatttaaact	taagcaaaaa	1500
aaaa						1504

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<210> 7875
<211> 1398
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1296)...(264)
<223> similar to gi2984585 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 7875
tttttcactt tacaagaagt tcactcttat tcattggaggc atcatgctga caggactgga      60
tccaaggaaa atgctagtga ctttcccaac ttcattcccc aatcaaagag gacagtcttct     120
ggtttgccac tggtagagttt attacaegac taaagttcaa ataaaaaaat aaaaacccaaa     180
atcttggcag ggaagctaga gccagaatca ggaaaatctg cttccttgtc cccagactcc     240
ctggccaagc ccagctccac taactcatct tgactcgatc aagttcctca tcaagacttg     300
catctgtacc ctggacatct ctgctgctcc cactggagag tgagtctgga gtccttgcca     360
ctggggcttt ggtgagggtt ccatatacac ccatggcctg agccaccatg ctggtgacat     420
cgccagggtt ggagggcagt aggatagtg tggagtcctt ggccagtttg gagaacgcgc     480
tgacatactg ctcggccaca gtcagtgaag ctgctgcac tccattatgt tgtgtcagag     540
ctgcagccag gattcgaata gcttcagctt tagccttggc cttcgccaga actgcactgg     600
cctctcctgc tgcttgattt atctgttcag ccttttctgc ttcggaggcc aggatctggg     660
cctgtttctt cctttctgcc acattgatgg ccgactctcg ggtcccctca gactctagaa     720
ctgtggcccg tttccgccgc tctgcctcca cctgcatctg catagactct ttcacccggg     780
gtggcacatg gatatccttg atctcataac ggaggcagcg gataccccag cagtcagcag     840
cttggttgat ggcattccaca atgctggcat tcagggactc ccgttcccgg aagactttgt     900
ccagagagag tttgccgagc tctgatctca tggttgtttg agctagctgg gtgacggcat     960
actcagggtc ctccacaccg tagcttgctt tgtaagggtc catgatgcgc aggttaaagga    1020
ctccatcgat ttgcagagtt acattgtcga ggtcacagc cgactgctca ggcacgttga    1080
tgacaatttc cttgagactc tgcacatatc ggatccggtc taacacaggg atgaggatgt    1140
tcaaaccagg ctccaggatc cgggtggaatc ggcccattcg ctccaccacc caggcctcct    1200
gctgcggcac gaacagtacc acggtgtttc ggggcaatcc agaggaggcg cggcgcgag    1260
cgcgccaga agccagtaga gagcccctca gcaaaaggcg ccagtgccc cgcgccgcgc     1320
gcgccagcat ttcccaccgc cgcagcgacc tccggaacca acgagacgag cggagcggtc     1380
gctcccagaa gcctaccc

```

```

<210> 7876
<211> 1437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (125)...(1292)
<223> similar to gi387012 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 7876
aaccggtgac tttcagaggc cgataaggcg ggacccaact tgtatataag gggcagctca      60
tgctgctgct ctgcaccttc ctcccgtctt gccttctccc tcgagttggg acccggggaa      120
aaccatgaag tggctgctgc tgctgggtct ggtggcgctc tctgagtgc tcatgtacaa      180
gggtccccctc atcagaaaga agtccttgag gcgcaccctg tccgagcgtg gcctgctgaa      240
ggacttctctg aagaagcaca acctcaacct agccagaaag tacttcccc agtgggaggc      300
tcccacctg gtagatgaac agcccctgga gaactacctg gatatggagt acttcggcac      360
tatcggcac ggaactcctg cccaggattt cactgtcgtc ttgacaccg gctcctccaa      420
cctgtgggtg cctcagtcct actgctccag tcttgctgct accaaccaca accgcttcaa      480
ccctgaggat tcttccacct accagtccac cagcgagaca gtctccatca cctacggcac      540
cggcagcatg acaggcatcc tcggatacga cactgtccag gttggaggca tctctgacac      600
caatcagatc ttcggcctga gcgagacgga acctggctcc ttctgtatt atgctccctt      660
cgatggcatc ctggggctgg cctaccccag catttctctc tccggggcca caccgctctt      720
tgacaacatc tgggaaccagg gcctggtttc tcaggacctc ttctctgtct acctcagcgc      780
cgatgaccag agtggcagcg tggatgatctt tgggtggcatt gactcttctt actacactgg      840
aagtctgaac tgggtgcctg ttaccgtcga gggttactgg cagatcaccg tggacagcat      900
caccatgaac ggagaggcca tcgcctgcgc tgagggtgctc caggccattg ttgacaccgg      960
cacctctctg ctgaccggcc caaccagccc cattgccaac atccagagcg acatcggagc     1020
cagcgagaac tcagatggcg acatgggtgg cagctgctca gccatcagca gcctgcccga     1080
catcgtcttc accatcaatg gagtccagta ccccgtgcca cccagtgcct acatcctgca     1140
gagcgggggg agctgcacga gtggcttcca gggcatgaac ctccccaccg aatctggaga     1200
gctttggatc ctgggtgatg tcttcatccg ccagtacttt accgtcttcg agagggcaaa     1260
caaccaggtc ggcttgccc ccgtggctta agcctaagtc tcttcagcca cctcccagga     1320
agatctggcc tctgtcctgt gccacttta gatgtatcta attctcctga ctgttcttcc     1380
caggggagtg tggaggtctt ggccctgttc cctgtcctac caataacgta gaataaa      1437

```

```

<210> 7877
<211> 2010
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (543)...(942)
<223> similar to gi2924495 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 7877
gcttctttca cacgggttgc ttcggaggaa tccgccgtgc aaatctgtcc gcccccttgg      60
ccactgatcc cccgaagagc ttctgtcgcc gctctaggaa tacagacatt gaagtttggg      120
acaagatatt tatctaactt ctgtgtcaaa attagcgacc tgctatggca atgaagaaag      180
aaactgaatt tgtcattttc acctgaagaa aaatgataga caaaaatcaa acctgtggtg      240
taggacagga ttctgtgccc tatatgattt gtctgattca catactcgaa gaatggtttg      300
gtgtggagca gttggaggac tatttgaatt ttgcaaacta tctcttgggg gtttttacac      360
cactaatact ttaataactt ccttacttta ctatctttct tctctacctt actattattt      420
tcttacacat ttataagaga aagaatgtat tgaaagaagc ctactctcat aatttatggg      480

```

atggtgcaag	gaaaacagtg	gcaactctgt	gggatggaca	tgcagccgtt	tggcatgggt	540
atgaagttca	tggaatggaa	aaaataccag	aagatggacc	agcacttata	atTTTTtate	600
atggagctat	tcctatagat	ttttactatt	tcatggctaa	aatatttata	cacaaaggca	660
gaacttgccg	agtagtagct	gatcactttg	tctttaaaat	tccagggttt	agtttattac	720
tggatgtggt	ttgtgctcta	catggaccaa	gagaaaaatg	tgttgaaatt	ctgaggagtg	780
gccacttggt	agctatctca	ccagggtggag	ttcgagaagc	cctaattagt	gatgaaactt	840
ataacatcgt	atgggggtcat	cgcagaggct	ttgctcaggt	tgcaattgat	gcaaaagtgc	900
ccattattcc	tatgtttaca	caaaatattc	gagaaggatt	tagatcactt	ggaggaacaa	960
ggttatttag	gtggctttat	gaaaaattcc	gctatccatt	tgctccaatg	tatggagggt	1020
ttccagtga	gttacggacc	tatttaggcg	acccatttcc	gtatgacca	cagataacag	1080
cggaagaatt	agctgaaaag	acgaagaatg	ctgttcaagc	tttgattgat	aagcaccaaa	1140
gaataccagg	aaacattatg	agtgcctttg	tagaacgttt	tcattgataa	caaagggtca	1200
actagaagat	gatttagtac	atztatatta	aatgtttgta	tctaaggtag	tgtcttctga	1260
atTTTgtagg	tcctataatt	agtatttttt	aaaaaaatca	tgTTaataag	catctttcac	1320
agaattcgtt	tctttaaaat	agtcaatttt	gtttttgcaa	ttgggtcaaa	tactaacaaa	1380
ttacacacct	agtaattcaa	aaaaagatgt	cttatttgta	aattcctaac	aatttatgct	1440
aaacatatag	attcttaagt	ttattaataa	cagcagttta	ggttaacaa	acattcctgg	1500
ataatgcgtt	aaatttctgt	atctgtcgcc	ctgagctgat	tttgaaagat	ggtataagct	1560
aggggttagt	atagttgttt	aagttagaaa	aaacatgctg	ttgtctgccc	ctcattccct	1620
tcatgacctt	gggcaagtca	cgtaatgttt	ttgtgcctca	acaattcact	ttttaaaaac	1680
atgatcgtat	gatgaatgat	attattttgt	tatttatatt	tactgtgatt	gataactggt	1740
gaacccaaat	aataaaataa	ttaattttaa	caatgtcaaa	atccttttagc	agttatgtat	1800
atattttctc	cattgtgtgt	ttaaattgtc	atgtccagtt	gccaaagcaca	atgaaaaaga	1860
tgtattatTT	tttaaattga	ataaaaaatt	aggaaaaata	aaatttctaa	ttattatTTT	1920
tagtatgata	tttttaacaa	gagtctatag	gcaaacaata	taggggtgtgc	tgtgcattgg	1980
tcagccctat	actgtggtct	taataatgcc				2010

<210> 7878

<211> 3215

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (224)...(2944)

<223> similar to gi2564328 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7878

tttcgtcgcg	gagggagggg	cggggcgggc	tccggtgtca	gcgaccaagc	cgcagggtggc	60
ggcgagcgcg	gggctcggcc	cgagctcagg	agatggggaa	actgaggcac	ggagctggac	120
agtgactcag	acaccaggag	ctgcctggag	tggagctgag	agctcaggtc	tgggctcagc	180
cagtccagag	tgcaaatcta	ctgtcccttc	ctggctgtgt	gatcttgaca	ggcactggac	240
ggggcctgca	ggggtctcca	cagagaccat	caggatgtcg	tattttgggg	agcatttttg	300
gggcgagaaa	aatcatggct	ttgaggtcct	gtaccacagc	gtgaagcagg	ggcccatctc	360
caccaaggag	ctggcggact	tcattccggga	gagggccacc	atcgaggaga	cctactcgaa	420
ggcgatggcg	aaactctcca	agctggccag	caacgggacc	cccatgggga	ccttcgcccc	480
gctctgggag	gtcttcgcg	tctcctcgga	caagctggcg	ctgtgccacc	tggaaactgac	540
acggaagtta	caggatctca	tcaaggacgt	tctccgctac	ggcgaggaac	agctcaagac	600
ccacaagaag	tgcaaggagg	aagtgggtgag	caccttggat	gctgtgcagg	tactctcggg	660

cgtcagccag	ctcctgcccc	agtcgccgca	gaactacctg	aaccgttgca	tggaccagga	720
gcggtctgcg	agggagagta	ccagccagaa	ggagatggac	aaggcggaga	ctaaaaccaa	780
gaaggcggca	gagagcctgc	ggcgctcagt	ggaaaaatac	aactcagccc	gagctgactt	840
tgagcagaag	atgctggact	cagccctgcg	cttccaagcc	atggaggaga	cacacctgag	900
gcacatgaag	gcaactgctg	gctcatatgc	tcactcgggt	gaggacacgc	acgtgcagat	960
tgggcaggtg	catgaggaat	ttaagcagaa	catcgagaac	gtcagcgtgg	agatgctact	1020
caggaaagttt	gcagagagta	agggcacagg	ccgggagaag	cctggacctc	tggacttcga	1080
ggcatacagt	gcggctgccc	tgcaggaagc	gatgaaacgt	ttgcggggag	ccaaggcctt	1140
tcgccttcca	ggactaagcc	ggcgggagcg	ggagccagag	ccacctgcag	ctgtagattt	1200
cctggagccc	gattcagggg	catgtccaga	ggtggatgaa	gaaggtttca	ctgtccggcc	1260
tgatgtgacc	cagaacagca	cggccgagcc	ctcccgtttc	tcgtccagcg	actccgactt	1320
cgacgatgaa	gagccccgca	agttctatgt	gcacatcaag	cctgccccgg	cccggtctcc	1380
agcctgcagc	cccagggcag	cagcggcaca	gctcagggcc	accgcgggca	gcctcatcct	1440
tcctcctggc	ccagggggca	ccatgaaacg	ccattcttca	cgggacgctg	ctgggaaacc	1500
ccagagacct	cggctctgccc	ccagaaccag	cagctgtgca	gagagattgc	agtccagagga	1560
gcaggtgtcc	aagaacctct	ttgggcccgc	cctggagtca	gcctttgacc	acgaagattt	1620
tacaggctct	agcagcctgg	gcttcacctc	cagccccctc	cctttctcct	cctcgtcgcc	1680
cgaaaacgtg	gaggattccg	gcctggactc	tccgtcccac	gcggcacctg	gccccctccc	1740
agattcctgg	gtcccccgcc	caggcacccc	gcagagcccc	cccagctgta	gggcgccacc	1800
cccagaggcc	aggggtatcc	gggcaccgcc	tctgccagac	tcgccgcagc	ccctcgccctc	1860
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gtcctgcctc	ctcacacgta	gcaatgggga	cctgtctcgt	tccttgagcc	cctccccact	2040
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cggagtctcc	cggggtccga	gccctgtggt	cctgggctcc	caggatgcc	tgccccatgc	2160
cacagccttc	acagagtatg	tccacgccta	cttcctgggc	cacagcccca	gctgcctggc	2220
tcgagtaact	ggggagctga	ccatgacctt	ccctgctggc	atcgtgcgtg	tgttcagcgg	2280
gaccccacca	ccacctgtcc	tcagcttccg	gcttgtacac	acaaccgcta	ttgagcactt	2340
ccagcccaac	gccgatctgc	tgttcagtga	cccctcccag	agtgacctg	agaccaaaga	2400
cttctggctc	aacatggcag	ctctgaccga	agccctgcag	cgccaggcag	agcagaaccc	2460
cactgcctcc	tactacaacg	tgggtgctgt	gcgataccag	ttctcccgcc	cgggtcccca	2520
gtctgtgcct	ctgcagctca	gtgcccactg	gcagtgtgga	gccacctca	cccaggctctc	2580
agtggagtac	ggctaccggc	ccggtgccac	ggctgtgccc	acaccactca	cgaacgtcca	2640
gatcctgctg	cctgtggggg	agcctgtgac	caacgtccgc	ttgcagccgg	ctgccacctg	2700
gaacctggag	gagaagcggc	tcaattggag	gcttccagat	gtgtccgagg	caggcgggttc	2760
tggccgcctc	tctgccagct	gggagccgct	ctcagggccc	agcacaccca	gccccgtggc	2820
tgacagttc	accagcgagg	ggaccactct	gtcgggcgtg	gacttggaac	tgggtgggcag	2880
cggttaccgc	atgtcgctgg	tgaagaggag	gtttgccaca	gggatgtacc	tgggtgagctg	2940
ctgaacccgc	aatgctgct	gccccagctc	tacactgcgc	cctggtgctg	gctgaccacc	3000
ccctgccctc	ctgccggacc	ctggggcctc	ccacccagc	ctccctgagg	cccatactcc	3060
acggagagga	gccccatgcc	cagcctggct	gagcccagaa	ttcgctcctc	cccctcatgc	3120
caaccccaca	caggtcccgg	ccttttaagt	ttctttgaat	aaacacttta	ttttcttaata	3180
aaataaaaaa	ggaaacctta	aaaaaaaaaa	aaagg			3215

<210> 7879

<211> 2156

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (100)...(1413)

<223> similar to gi5732691 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7879
ttcgtggctt cccgcgcggg acccagtacc tcggetcccc ggggccggac cgaggccgca 60
agcagcgcgg cgggggtgtg ggcggaccca ggagatgaaa tgacaacgtc aaccctccag 120
aaagccattg atctggtgac gaaagccaca gaggaggaca aagccaagaa ctacgaggag 180
gcgctgcggc tgtaccagca tgcggtggag tacttcctcc acgctatcaa gtatgaggcc 240
cacagcgaca aggccaaagg gagcattcga gccaaagtgcg tgcagtacct agaccgggcc 300
gagaagctga aggattattt acgaagcaaa gagaaacacg gcaagaagcc agtcaaagag 360
aaccagagtg agggcaaggg cagtgcagct gacagtgaag gggataatcc ggagaaaaag 420
aaactgcaag aacagctgat ggggtgccgtc gtgatggaga agcccaacat acggtggaac 480
gacgtggccg ggctggaggg ggccaaggag gccctcaaag aagctgtcat ttgccaatc 540
aaattcccac acttggtcac aggcaagcgc acccctggc gggggattct gctgttcgga 600
ccccctggca cagggaaatc ctacctggcc aaagccgtgg caacagaggc caacaactcc 660
accttcttct ctgtgtcctc ctcatgctg atgtccaagt ggctggggga gagtgaaaag 720
ctggtcaaga acctgtttga gctggccagg cagcacaagc cctccatcat cttcatcgat 780
gaggtggatt ccctctgcgg gtcccgaat gaaaatgaga gtgaggccgc ccggaggatc 840
aaaacggagt tcttgggtcca gatgcagggg gtggggaata acaatgatgg gactctgggt 900
cttgagacca caaacatccc atgggtgttg gattcggcca tcaggaggag gtttgaataa 960
cgaatttata tccccttgcc ggaggaaagt gcccgcgcc agatgttccg gttgcatctc 1020
gggagcactc cccacaacct cacggatgca aacatccacg agctggcccg gaagacggaa 1080
ggctactcgg gcgcggacat cagcatcatc gtgcgggact ctctcatgca gcccgtagg 1140
aaggtgcagt cgccacaca cttcaaaaag gtctgtggcc cctctcgcac caaccacgc 1200
atgatgattg atgacctcct gactccatgc tcaccagggg acccaggagc catggagatg 1260
acttgatgg atgtccctgg ggacaaactc ttagagcctg tggtttgcat gtcggacatg 1320
ctgcggtctc tggccaccac ccggcccacg gtgaatgcag acgacctct gaaagtgaag 1380
aaattctcag aggactttgg gcaagagagt taaaagctgc ttcacttggg caatggtgaa 1440
ggtgggaggt tgattggggc aaatccaggc actccccatg tcaacagcca gacagggtc 1500
cagggcttgt cccagtcaat acagagttcc ctctgctgtc tggccgtctg ccaggagacc 1560
agaagggaag gccttgagc cacagagaca ctccactgcc ctggggcaca cagtggacac 1620
tgctcttctc acttcctcct ctcttgatg ctcatcagct ccttctgect ccccccttt 1680
tttttccatc tttgttccc ctaaattaat gctgcttggg ttttcatctt atttataaag 1740
ataaaatcac ctggaagtgt caaggagtgg ggcgggggtg cgggggagaa gcagccgtgc 1800
tgccagggtc cccagacctc cagacagccg gctagcccca ctgcccgttc cttttacgcc 1860
caagttttgc tccttgagag cagattggct gatgcccctg caaccacgc ccaagctctg 1920
cctcaaagac cgagtgcacat aagccattcc caccctcta ggttcacatc cagggtctgt 1980
tcttcttgg gggaggagat ggtgtcgttt aaatcagggg aaggcagtcg ggcgggtgtt 2040
caccactgcc ttttcttctc ctgagcgtga gaacactgaa cccagccact gccctgggt 2100
ccctgtctcg gaaatggtct aataaatcct tttcccttct tgagctaaaa aaaaaa 2156
```

<210> 7880

<211> 2137

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1752)...(386)

<223> similar to gi2832739 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7880
tcgcttatac tcattcagca aataattatt gaactccatt tacgtaccag acactgttaa 60
ttgatgttac tcacttttcc tttcagaact aaagccttat cagttgtgtg ttgagatagg 120
aagaggagac tttttccact tcttgtgttt cctacagtta ctcccttccc aaactgataa 180
agtatacagt ttataaaaaat cttaaaaaact cattcttact ggtaaattca ttttaataat 240
gaggggaaaa aacttttagtt attaaaaaca aaagaatgaa tacacataca cacactaaat 300
gtggcagatg tttccaggag agattagcaa cagagaggcc acatgatcaa ataaaattta 360
cacttttgat gggattgtcc cctcgcggcc acccaagtgt ttgtggaaga aagtctggag 420
ttgtttccaa gcatccacct gagccatggc atgagccctg ggctcccctc cccagataat 480
aggactgccc accaaggcat gcaggaagc cgcacacagg gggaagtaag gaggtcaat 540
atagtgcctt gtctctgggt aacagatgat ctggggcttt ctctcccat gggcctgcaa 600
gcgtttacag gcctcattag catagaactc actcttcag ttgtggtcac cctgacctac 660
caggaacagg aaggtgctct ctgccctttc cacaggaatg aagctcttct ggtcagggtcc 720
ttccaaaggg ctgttcagga catccacaat gtctgcatag ccatctttgg tcaccttgat 780
gcgatttctg ttgacgccc aagggggcag ggtctcgccc ttgtagcgta aggttcccc 840
aacattggcc acagagccgt tgatgacgac agcagccgtg atgcccttca ggaaagaggc 900
catggaaagg cagagctcac cccctttgga aattccaagc agcccaactc ctggaccttt 960
tacctcgga tgactgagca agtagttcat ggcttcttca aagtactcca gatggagcgt 1020
ctccatggtc ttggggaggt cttcatagtt ataataagcc agagccatca cagcaaaacc 1080
cttcccagcc agcagactag cccgatactc cagcaggcca cctccagttc cgaacatgtc 1140
cacaatccca ggaaagggcc caggttctgg cggcaggaag agcgtgcctc gcaccggcc 1200
cacgcgcacc ggctcgcgcc gcaccccggg cgggaggaag tagcgtcgt gccgcgtctg 1260
gcacagcagc cgcccggggt cggggtcgtg gccatccagc acctccagct ccacggccaa 1320
gggcgttcgc acgtcgcgt tcaccagccg caccaaaggt ttctcgggct ccaaggccca 1380
gagcagcccc atgggctcaa gccccgcgaa gctgcgccc agcgcgggcg cgcgtccag 1440
gtccagctcg ccaagagtgt cggcgcggtg gcgcgcgtgg gcctggaaaa gcgcgccctt 1500
ctcgtcgcgc agggacgcgc gcagcgtgac cggctgctcc ggggctaggc cgcgcacggc 1560
gattcgcacc ggttcgtccc agcagcagcg gccgcaggc tccaggatca gcgtcgcgc 1620
catccgagca ggaaccctaa tgatctgacc aacctgcctc agctgtggag accccaggaa 1680
ctgcgccgaa ctcttcaggc tccattggta cagccgggac gctcgaagga cagcaggaga 1740
tgaggccatt ttgaattcag acctgagaac aactgaatgg ggggtggggag aaagaagctt 1800
gttagacatc ctctcgggct gccgtcgag gctaagcgcc cactagggca gagctgtctg 1860
ctaactgtag cggggaaggc cagagtccag ccgatcagcc agaccaaata tagacacact 1920
ggaacttgct taaagtctcc tgtgttgaaa cctccacttt atgttggaat gctacttcct 1980
aggtttgctt ttcagaagct tgctggcctg cggaatgggc tggaccaggg ctggttctta 2040
aagaaccagg cagctagcag tctccaggct ccaaactcct gacggcgaag aggaatgcag 2100
agctggagtt agttttgatc actttgttga ataattt 2137

```

<210> 7881

<211> 1135

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(390)

<223> similar to gi337730 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 7881
ggggcagagg gaataagagg ctgcctctgc ccaccagtcc tgccgcccag gacccgcagc      60
agagacgacg cctgcagcaa ggagaccagg aaggggtgag acaagggaaga ggatgtctga      120
gctggagaag gccatggtgg ccctcatcga cgttttccac caatattctg gaagggaggg      180
agacaagcac aagctgaaga aatccgaact caaggagctc atcaacaatg agctttccca      240
tttcttagag gaaatcaaag agcaggaggt tgtggacaaa gtcattgaaa cactggacaa      300
tgatggagac ggcgaatgtg acttccagga attcatggcc tttgttgcca tggttactac      360
tgctgccac  gagttctttg aacatgagtg agattagaaa gcagccaaac ctttctgtga      420
acagagacgg tcatgcaaga aagcagacag caagggcttg cagcctagta ggagctgagc      480
tttccagccg tggtgtagct aattaggaag cttgatttgc tttgtgattg aaaaattgaa      540
aacctctttc caaaggctgt tttaacggcc tgcattcttc tttctgctat attaggcctg      600
tgtgtaagct gactggcccc agggactctt gttaacagta acttaggagt cagggtctcag      660
tgataaagcg tgcaccgtgc agcccgccat ggccgtgtag accctaaccg ggaggggaacc      720
ctgactacag aaattacccc ggggcaccct taaaacttcc actaccttta aaaaacaaaag      780
ccttatccag cattatttga aaacactgct gttctttaa tgcgttcctc atccatgcag      840
ataacagctg gttggccggt gtggccctgc aagggcgtgg tggcttcggc ctgcttcccg      900
ggatgcgcct gatcaccagg tgaacgctca gcgctggcag cgtcctggaa aaagcaactc      960
catcagaact cgcaatccga gccagctctg ggggctccag cgtggcctcc gtgacccatg     1020
cgattcaagt cgcggtgca ggatccttgc ctccaacgtg cctccagcac atgcggcttc     1080
cgagggcact accgggggct ctgagccacc gcgagggcct gcgttcaata aaaag         1135

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<210> 7882

<211> 2844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (211)...(2113)

<223> similar to gi4107276 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 7882
cggcacgagg agcggcccgc ttcaggcctc agaatcactc ttggagttag atattttaaga      60
atccttcctg ccttgacagc cagtctgtga aatgatggtg aggtgggcac ttctttgtgg      120
tgagtgcaga tctggatgga gatttgtgaa ggcaaggaga ttgaagacat gtcctcataa      180
gagggagaaa atctgagctg gttccaggaa ttctggggag acattgccaa ggaattttac      240
tggaagactc catgccctgg cccattcctt cggtaacaact ttgatgtgac taaagggaaa      300
atctttattg agtggatgaa aggagcaact accaacattt gctacaatgt actggatcga      360
aatgtccatg agaaaaagct tggagataaa gttgcttttt actgggaggg caatgagcca      420
ggggagacca ctcatgacac ataccatcag cttctgggtc aagtgtgtca gttcagcaat      480
gttcttcgaa aacagggcat tcacaagggg gaccgagtg ccattctacat gcctatgatc      540
ccagagcttg tgggtggccat gctggcatgt gcccgcatcg gggctttgca ctccattgtg      600
tttgaggctt tctcttcaga gtctctatgt gaacggatct tggattccag ctgcagtctt      660
ctcatcacta cagatgcctt ctacaggggg gaaaagcttg tgaacctgaa ggagctggct      720
gacgagggcc tgcagaagtg tcaggagaag ggtttcccag taagatgctg cattgtggct      780
aagcacctgg ggcgggcaga gctcggcatg ggtgactcca ccagccagtc cccccaatt      840

```


aagaggtcat	gcccagatgt	gcagatctca	tggaaccaag	ggattgactt	gtggtggcat	900
gagctcatgc	aagaggcagg	ggatgagtgt	gagcccagat	ggtgtgatgc	cgaggaccca	960
ctcttcatcc	tgtacaccag	tggctccaca	ggcaaacca	aggggtgtgt	tcacacagtt	1020
gggggctaca	tgctctatgt	agccacaacc	ttcaagtatg	tgtttgactt	ccatgcagag	1080
gatgtgttct	ggtgcacggc	agacattggt	tggatcactg	gtcattccta	cgtcacctat	1140
ggggcactgg	ccaatggtgc	caccagtgtt	ttgtttgagg	ggattcccac	atatccggac	1200
gtgaaccgcc	tgtggagcat	tgtggacaaa	tacaaggtga	ccaagttcta	cacagcacc	1260
acagccatcc	gtctgctcat	gaagtttgga	gatgagcctg	tcaccaagca	tagccgggca	1320
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caccgggtgg	taggtgcccc	gcgctgcccc	atcgtaggaca	ccttctggca	aacagagaca	1440
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ctctactgct	ttgtcacctt	gtgtgatggc	cacaccttca	gccccagct	caccgaggag	1920
ctcaagaagc	agattagaga	aaagattggc	cccattgcc	caccagacta	catccagaat	1980
gcacctggct	tgcctaaaac	ccgctcaggg	aaaatcatga	ggcgagtgtc	tcggaagatt	2040
gctcagaatg	accatgacct	cggggacatg	tctactgtgg	ctgaccatc	tgtcatcagt	2100
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attcctcctg	ctccaaactt	tgcccatcct	ctttgcccc	tcaggagtgc	tgaggggccag	2220
tgttgacca	caactacctc	ccttgaccag	ctgtctggga	ccggaaacca	gctttgtctc	2280
caggtagaga	caacatcctg	tgactgccag	gcagaaagga	caggggccag	gtcagcctca	2340
gtctgctgtg	cctccagact	gcagagctct	cagaaccag	aacagagacg	aaaaggctac	2400
ctctcctacc	caagttaagt	gttcaaaggg	gatgtgaggg	cctccactga	agcagggagg	2460
cagctgtgta	atcctatgtc	agctctctta	ggaagcccca	gtacttatat	tgggcatgca	2520
cttgccctta	aaaacaatga	tttgtgagtc	caggaacaat	ttactatttt	taaaatattt	2580
tgctgcttct	gttctgggtc	tgaattccct	tttgtgccag	attcagtctc	cagagggtat	2640
tcagatcatc	tgcttctttg	aaggagtaaa	tgtgttttgt	tcctagggcc	agaggagctt	2700
gtcttctctg	tcctctgttc	ccaccctccc	ctgaacagaa	cccagcccat	aagagacatt	2760
ctcagatgaa	actctgtttt	cttgccccag	tcaggctcaa	gccctgtggt	tgtaggaata	2820
aagcctgtga	tctcaaaaaa	aaaa				2844

<210> 7883

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (351)...(261)

<223> similar to gi3478640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7883

tttttttttt	ttacaaagag	aaacatcagg	gactttaatc	acatcccgc	gctctgcgga	60
cctgcccagg	cgctgatgct	gcgcacagcc	cacccccatt	ccctccctcc	cgccctcctg	120
gccctggcca	gctcagctct	gtccgggggc	ggagaggggg	tcctgaggca	gcagcagccc	180

agctccagag	tgacaggcag	gggctgtcca	gctgagtctc	cgccccacg	ttgccctggg	240
gcaggcccag	ctgctgtcag	tgctgcttga	gacactcagc	agcatcttcc	aaggtcaggt	300
tggccaagtg	tgggggctcc	agacacctta	aggctggcga	taccaggctg	cggggagacg	360
aggctgcctc	agctctccat	gtccccacc	ccctgcctcc	ctccctgggg	gccccaggcc	420
tctcctccca	gctgggacgt	gtggtcctat	gtgtggccac	atccacgaca	ccctcgtgcc	480
tgggatgtca	gcagggtgtg	caggccgcgg	cacgctggtg	ttggcttacg	agcaccctt	540
ctcccagggc	ctcccttctc	tgggtcactc	acaaggccgg	ggtggctctg	tgtgtcccag	600
gccaggagaa	ggcagaggag	cgtggtctgt	tcatgaaacc	accacatggg	tgtggttgca	660
gaggtgacat	ccagcaggtg	tcccaggtat	agggagagcc	ccacctgcag	tgccccact	720
gatctagagg	accccctagc	ccccctcgaa	ttcctgcac			759

<210> 7884

<211> 1560

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1561)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (638)...(1001)

<223> similar to gi2668616 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7884

tttcgtgagg	cactggctgg	gctctgactg	tcacgttaat	tccctgctgc	tttttctagt	60
ccccagccgc	ctgccccctc	ctccctcatt	cccagcctgg	gtttggagge	gatttccctc	120
tattgactga	gccgactgca	tctctgggca	agcggcgctt	tgctctcttc	ctgtctttgt	180
ctgctcttcc	tgcagccctg	gcagcgggca	cacccttaag	catacgcacc	caacgcctcc	240
tccctgagcc	acgaggatgg	agcagccacc	ccggcccggg	actggcgcaa	ggtgcccag	300
caaggaaaga	aataatgaag	agacacatgt	gttagctgca	gccttttgaa	acacgcaaga	360
aggaaatcaa	tagtgtggac	agggtggaa	cctttaccac	gcttgttgga	gtagatgagg	420
aatgggctcg	tgattatgct	gacattccag	catgaatctg	gtagacctgt	ggttaaccog	480
ttccctctcc	atgtgtctcc	tcctacaaag	ttttgttctt	atgatactgt	gctttcattc	540
tgccagtatg	tgtcccaagg	ggctgtcttt	gttctttcct	ctgggggggtt	ttaaatgttc	600
acctgtaggc	antgcaaadc	tcaaggaaat	acctagagat	cttcctcctg	aaacagtctt	660
actgtatctg	gactccaadc	agatcacatc	tattcccaat	gaaattttta	aggacctcca	720
tcaactgaga	gttctcaacc	tgtccaaaaa	tggcattgag	tttatcgatg	agcatgcctt	780
caaaggagta	gctgaaacct	tgcagactct	ggacttgtcc	gacaatcgga	ttcaaagtgt	840
gcacaaaaat	gccttcaata	acctgaaggc	cagggccaga	attgccaaca	acccctggca	900
ctgcgactgt	actctacagc	aagttctgag	gagcatggcg	tccaatcatg	agacagccca	960
caacgtgatc	tgtaaaacgt	ccgtgttgga	tgaacatgct	ggcagaccat	tcctcaatgc	1020
tgccaacgac	gctgaccttt	gtaacctccc	taaaaaaact	accgattatg	ccatgctggt	1080
caccatgttt	ggctgggtca	ctatggtgat	ctcatatgtg	gtatattatg	tgaggcaaaa	1140
tcaggaggat	gcccggagac	acctcgaata	cttgaaatcc	ctgccaagca	ggcagaagaa	1200
agcagatgaa	cctgatgata	ttagcactgt	ggtatagtgt	ccaaactgac	tgtcattgag	1260
aaagaaagaa	agtagtttgc	gattgcagta	gaaataagtg	gtttacttct	cccatccatt	1320

gtaaacattt	gaaactttgt	atttcagttt	cttttgaatt	atgccactgc	tgaactttta	1380
acaaacacta	caacataaat	aatttgagtt	taggtgatcc	accccttaat	tgtacccccg	1440
atggtatatt	tctgagtaag	ctactatctg	aacattagtt	agatccatct	cactatttta	1500
taatgaatt	tattttttta	atttaaaagc	aaataaaagc	ttaactttga	accatgaaaa	1560

<210> 7885

<211> 2859

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (165)...(903)

<223> similar to gi386420 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7885

tttcgtggcg	cgggcgagg	cgggcgcg	agaagtggcg	gaggtggaag	cggaggcgta	60
cccgccccctg	gggacgtcat	tgggtggcgga	ggcaatggcc	ggcaaccagc	tgtaagcgag	120
gcacggaaga	catatgcttg	tgagacaaaag	gtgtctctga	aactatggat	ggtacaagaa	180
cttcacttga	cattgaagag	tactcggata	ctgaggtaca	gaaaaaccaa	gtactaactc	240
tggaagaatg	gcaagacaag	tgggtgaacg	gcaagactgc	ttttcatcag	gaacaaggac	300
atcagctatt	aaagaagcat	ttagatactt	tccttaaagg	caagagtgga	ctgagggtat	360
tttttcctct	ttgcggaaaa	gcggttgaga	tgaaatggtt	tgcagaccgg	ggacacagtg	420
tagttggtgt	ggaaatcagt	gaacttggga	tacaagaatt	ttttacagag	cagaatcttt	480
cttactcaga	agaaccaatc	accgaaattc	ctggaaccaa	agtatttaag	agttcttcgg	540
ggaacatttc	attgtactgt	tgcagtatct	ttgatcttcc	caggacaaat	attggcaaatt	600
ttgacatgat	ttgggataga	ggagcattag	ttgccattaa	tccaggtgat	cgcaaattgct	660
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gacataaaaag	ttgggggaatt	gactgtcttt	ttgaaaagtt	atatctactt	acagaaaagt	900
aaatgagaca	tagataaaaat	aaaatcacac	tgacatgttt	ttgaggaatt	gaaaattatg	960
ctaaagcctg	aaaatgtaat	ggatgaattt	ttaaaattgt	ttataaatca	tatgatagat	1020
ctttactaaa	aatggctttt	tagtaaaagc	atttactttt	tctaaaaaag	ttttagaaga	1080
aaaagatgta	actaaacttt	taaagttagct	cctttggaga	ggagattatg	atgtgaaaga	1140
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caatttaaaaa	aatatttcaa	aatgcaatgc	atattaaata	taatacacac	agaaaaactg	1260
gcattttatct	tgttttatct	ttttgagatg	gagtttcgtt	cttggtgccc	aacctggagt	1320
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gtattttttag	tagagacagg	gtttcaccat	gttggtcagg	ctgatctcga	gctcctgacc	1500
tcaggtgatc	taccacctc	ggcctcccaa	agtgtctgga	ttacaggcgt	gagccactgc	1560
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aacaaatttt	aattaaacaa	tctgtaacag	aatcaagaaa	caaatacatt	ttaattaaac	1800
aatctatatg	gaacaaacat	tcccaaattc	taagaataaa	tttttcttta	agttttctct	1860
gagtttggca	attgttggtt	tttataattt	aatctgttta	aatcatcagg	tcttataaaa	1920
tataatgtac	ttagagctgg	attcatggct	gtttattatg	aaagggttaga	tttctcagtt	1980

cttctttaac	cacattttgt	tatatcagac	agtcctctat	aactctgtac	taccaacaa	2040
ctaaatgggt	tagattgttt	agctcatgtt	aataggatgg	ttgtgtatta	taaaaaacga	2100
gttacgtgtg	tgtgtgcacg	catgcacgca	catgtgctgg	cttaaagggt	gttaatgcaa	2160
ggtttggggg	cccctttaac	actggtgaaa	gctacggtac	tctccccaga	gatatgtctt	2220
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ccatcgatgt	attctaatag	atttctaagg	ctattaattt	gaagcaactc	cttgctcaca	2340
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ccacgctgat	gttgaacttg	acgtgaggcc	tcaagcagtc	ctcctgtctt	ggccacccaa	2580
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aggcggaggt	tgcagtgagc	tgagatcatg	ccactgcacg	ccagcctggg	caacagagca	2820
agactctgtc	tcaaaagaaa	gaaaaagaaa	agaaaaaaa			2859

<210> 7886

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (493)...(1189)

<223> similar to gi4309918 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 7886

aagaagggtt	cctggcctgt	tgcagccatg	gtgcattgca	gttgcggtgt	gttcagaaaag	60
tatggaaatt	tcatcgataa	gctaagactc	ttcaccaggg	gaggatccgg	tggaaatgggt	120
tatcctcggt	taggtggaga	aggtggaaaa	gggtgggtgat	tctgggttgt	agccccaac	180
agaatgactt	taaaacaact	taaagacagg	tatcctcgga	aacggtttgt	ggctggagta	240
ggagcaaaca	gcaaaattag	tgcactgaaa	ggctccaaag	gaaaagactg	ggaaatccct	300
gtgcctgtgg	gtatttcagt	aactgatgaa	aatggtaaaa	ttataggaga	actcaataaa	360
gaaaatgaca	gaattttggt	agctcaagga	ggtcttggtg	gtaaattact	tacaaatttc	420
ttaccattga	aaggccagaa	acgaataatt	caccttgatc	taaaacttat	agctgatgta	480
ggcctagtag	gattcccaaa	tgctggaaaa	tcctctttgc	taagttgtgt	ttctcatgca	540
aaacctgcaa	ttgcagatta	cgcatttaca	acattaaagc	ctgaacttgg	aaagataatg	600
tacagtgatt	tcaaacagat	atcagtagct	gatcttccgg	gtttaataga	aggagcacat	660
atgaacaaag	gaatgggcca	caaattcctc	aagcatatag	aaagaactag	acaactactt	720
tttgtgtgtg	atatttcttg	atttcagctt	tcttctcaca	ctcaatacag	gacagctttt	780
gaaaccataa	tactgcttac	aaaagagttg	gaattgtaca	aagaggaact	tcagacaaaa	840
cctgcactct	tggcagttaa	taaaatggac	ttgccagatg	cccaagataa	gttccatgaa	900
ttgatgagcc	agctccagaa	tcctaaagat	tttctgcatt	tatttgaaaa	aaacatgatt	960
ccagagagga	ctgtagagtt	ccaacatatc	atccccatat	ctgcagttac	tggagaagga	1020
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gatgcacttc	ataagaaaca	gttgcttaat	ttgtggattt	ctgatacaat	gtcttctact	1140
gagccaccat	caaagcatgc	tgttactact	tccaaaatgg	atataattta	aatatattaa	1200
aaatggtatt	gatggaacag	t				1221

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<210> 7887
<211> 1324
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (32)...(477)
<223> similar to gi3171914 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7887
gcgagcgtga cccaactgcg gacggtcagc catggagact ggagcgtgc ggcgcccga 60
acttctcccc ttgtctgctg tgctctgcgg tgggtgtccc agagcaggcg gctgcaacga 120
gacaggcatg ttggagaggg tgcccctgtg tgggaaggct ttcgcagaca tgatgggcaa 180
ggtaggacgtc tggaagtggg gcaacctgtc cgagttcatc gtgtactatg agagtttcac 240
caactgcacc gagatggagg ccaatgtcgt gggctgctac tggcccaacc ccctggccca 300
gggcttcac accggcatcc acaggcagtt cttctccaac tgcaccgtgg acaggggtcca 360
cttgaggagc cccccagacg aggtttctcat cccgctgac gttatacccg tcgttctgac 420
tgtcgccatg gctggcctgg tgggtgtggcg cagcaaacgc accgacacgc tgctgtgagg 480
gtcccggtga gatggagtgg gtcacacctg gcaagctgga agaaagtcc ctgggggatgg 540
gagagcgggt ggggtgctgcc aatctccagc tactgtggcc acaccccacc tgggtcatggg 600
cagacccctc ctttctctgg ctgacctgct ccctcgaggc cagcctgctc cctggctgag 660
gctcaggcta tccgcccag ctctttgctc attctagggc cagtggagga aaatgtgata 720
aggccggagc ttgtgtgctg ggcacagaaa tcacctgctg catcctgtgc tccgcaggct 780
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cttagccgca gtctaggccc tgcttggaact aggactcctt gcttgacccc atctctgggt 900
cctgcccctg ctctgcacc agccccagct cctgcctaca tccaggcaga aatataggca 960
ggggctcttg gaagacgttc cgtgctgtga cctccgagcc ctctgggtgg gaagacagct 1020
ggaaaggctg ggaggagaag ggaggggctg ggggttccca ggagccatgc gtggcctgca 1080
gagtccattc catcatgatg ctgtgcccgc tatgggctgt gtccatgacc agaggctgga 1140
gtgggggtgt gttagagccc ctacccggga cttctgtgct ggatggggcc tgggcctcct 1200
tcctacaggg gctcctctgt ggggtgagggg ccctctggaa tggcatccca tgagcctgtg 1260
gctctatct gctaccatct gtgttttata tgagtaaagt taccttactt ctggaaaaaa 1320
aaaa
1324

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<210> 7888
<211> 1850
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1743)...(1216)
<223> similar to gi3880857 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 7888
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aattcttttc tgtgataagt acgaatgact caagctacca ttcaatattc actttacaga    180
tatatgaagc ttgtctactt cacgttcaaa ggttttcctt aatttcgtct tttatctaaa    240
tcagggtcaag tctcttctca taaatgagga aatattaaat gagtgggcag gctctcaagg    300
aaataaaaaa gtgactaggc aggaataaat ctggcaactt ctgtggaata ggatttttct    360
cagtgggtcta aaaataacaa acaccattta tggaccaaag actaggtgcc atgagtttta    420
gaaattgggtc cccactccac tgttatgtgt accattatcc cagtggcaga gatacacaga    480
aagccaaggc tcagaggcag taagtcatgg gtccgaggcc tcttgctgat gacaaaactg    540
gaatctgaac ccacgtcagg cttacattta cacatacatg tatacaaagt tacacatata    600
cagcttagat tccataaaat acagtaatct agtggtgga caaattattt ctaataaatg    660
ttataaaata taaacgcctc tctgaatcct ttagaaaatt aattttgcca tgaagtacaa    720
aaaggaaaga gatacaactt aagtatgaac aaagttatag gatactacaa acagttggta    780
atatatactg tctttaaaaa tcatttctcc ttatcgaggc attaagccat attgtttata    840
atgtgaagag ctattggcat cttattttcc taccataac catgaccatc acttattcat    900
cttttcatgc atccagggtgc atggaaaggc agtaagtaca atttttaaga aaatagcatc    960
aaaagcagat tttaaatcta cctgtttttc ctctgtttgt tttctccaac agttaaggaa   1020
agtaatagta atttctcatt ccaaaccaaa gacaattatg ctcttttgct aaggacacag   1080
ctgtaagtct ctacaagatc aggggaagact acaatatttc agaaaaacac tcccagtaaa   1140
gtttatgctt gaatgggcag ctggaaatgc atcgatgtac agggcctctt ttcacggcct   1200
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gagtactgcg aaaaagtaac cttccacaaa tctgaaatat aaaatttggc agatccatgc   1440
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atagttgcag gtacaaatgg caaacagact tttcgaaggg ctggcggttac aaacggcgtg   1680
gctacagcgt acacagccac cagggtgcc cccacaagcc cagtaagtaa gaacccccag   1740
ttgcttttct gcaaaactgt gacttcaaaa cttgcaggta gaacatgtct tgactgactt   1800
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```

<210> 7889

<211> 1109

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (144)...(446)

<223> similar to gi2649424 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 7889
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cggaacgaga	ctgggaacag	ttccatcagc	ctcggaatct	cctcctggcc	ttggttgggg	240
aagtggggga	gctgggcagaa	ctctttcagt	ggaaaaccga	tggggaaacct	ggcccccaag	300
gctgggtcccc	cagggaacgg	gcagcccttc	aagaggagct	tagtgacgtc	ctcatctacc	360
tggtggcatt	agcagcccg	tgccgtgtgg	atctgccgct	agcagtgtc	tccaaaatgg	420
acatcaaccg	gcgacgtac	ccagcccatc	tggcccgag	ctcttcccgc	aagtatacag	480
aattgcccc	tggggccatc	tctgaagacc	aggctgtggg	gcctgcggac	attccctgtg	540
actccacagg	ccagacctca	acctagaaag	atggccacag	gacttgcaac	tcagggtggg	600
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catgggcctg	aggcctccac	ttcttgaggt	ctgaggccca	gcagcctcta	gaaggtagcc	720
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tagcaaattc	ccagtaggat	gtcatgtaag	ttccttcccc	ctcttagaga	ttgaaggctg	960
taagagtcca	gatggtggag	ccaggctgtc	tgggttcaaa	tgccatcttt	gacacttgca	1020
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aaaagaatag	tacctgcccc	aaaaaaaa				1109

<210> 7890

<211> 1181

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (141)...(926)

<223> similar to gi220030 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7890

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ctatataaag	ttcagaaaaa	atgtctcgaa	gatatgactc	caggaccact	atattttctc	180
cagaaggtcg	cttatacca	gttgaatatg	ccatggaagc	tattggacat	gcaggcacct	240
gtttggggaat	tttagcaaat	gatggtgttt	tgcttgacgc	agagagacgc	aacatccaca	300
agcttcttga	tgaagtcttt	ttttctgaaa	aaatttataa	actcaatgag	gacatggctt	360
gcagtgtggc	aggcataact	tctgatgcta	atgttctgac	taatgaacta	aggctcattg	420
ctcaaaggta	tttattacag	tatcaggagc	caataccttg	tgagcagttg	gttacagcgc	480
tgtgtgatat	caaacaagct	tatacacaat	ttggaggaaa	acgtcccttt	ggtgtttcat	540
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tcaaagtact	aaataagacc	atggatgtta	gtaaactctc	tgctgaaaaa	gtggaaattg	780
caacactaac	aagagagaa	ggaaagacag	taatcagagt	tctcaaaca	aaagaagtgg	840
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1181

<210> 7891

<211> 1513

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(1234)

<223> similar to gi4884282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 7891

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cagagaaggt	aaaactttct	cttcggaatt	tcccacataa	tgattatgag	gatgtttttg	180
aagagccttc	agaaagtggc	agtgatccca	gcatgtggac	agccagaggc	cccttcagaa	240
gagacaggtg	gagcagtggg	gatgaggagg	ctgcagggcc	atcacaggct	ctctcccctc	300
tactttctga	tacgcgcaaa	attgtttctg	aaggagaact	agatcagttg	gctcagattc	360
ggccattaat	attcaatttt	catgagcaga	cagccatcaa	ggattgtttg	aaaatccttg	420
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atattcttcc	atatgattca	acacgcgttc	ctcttgga	aagcaaggac	tacatcaatg	600
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cactgctgag	caccatagat	gacttttggc	aaatggtggt	ggaaaataat	tcaaagtgtt	720
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gtgccatcgt	aaaggactgt	tcattcaaca	tcattggatat	agtggcccaa	atgagagAAC	1140
aacgttctgg	catggttcaa	acgaaggagc	agtatcactt	ttgttacgat	attgtgcttg	1200
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gaagggcaat	atcatttggc	ttgggtgat	cagtgtttac	ttattgatct	tgctagacaa	1440
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<210> 7892

<211> 1124

<212> DNA

<213> Homo sapiens